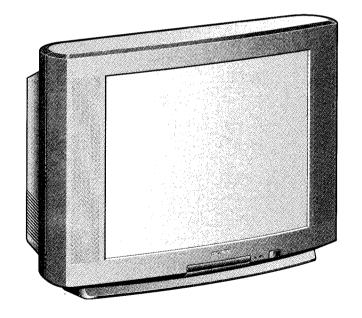
SELF-DIAGNOSTIC FUNCTION

SERVICE MANUAL

FE-1 CHASSIS

MODEL	COMMANDE	R DEST	CHASSIS NO.	MODEL	COMMANDER	R DEST	CHASSIS NO.
KV-25C5A	RM-883	Italian	SCC-Q06F-A	KV-29C5A	RM-883	Italian	SCC-Q06D-A
KV-25C5B	RM-883	French	SCC-Q02F-A	KV-29C5B	RM-883	French	SCC-Q02D-A
KV-25C5D	RM-883	AEP	SCC-Q04F-A	KV-29C5D	RM-883	AEP	SCC-Q04D-A
KV-25C5E	RM-883	Spanish	SCC-Q05F-A	KV-29C5E	RM-883	Spanish	SCC-Q05D-A
KV-25C5K	RM-883	OIRT	SCC-Q03G-A	KV-29C5K	RM-883	OIRT	SCC-Q03C-A
KV-25C5R	RM-883	OIRT	SCC-Q03H-A	KV-29C5R	RM-883	OIRT	SCC-Q03D-A
KV-25C5R	RM-883	OIRT	SCC-Q03H-A	KV-29C5R	RM-883	OIRT	SCC-Q03D-A









KV-25C5/29C5

ITEM MODEL	Television System	Stereo System	Channel Coverage	Color System		
Italian B/G/H		GERMAN Stereo	ITALIA VHF : A-H2 (C) UHF : 21-69 PAL B/G/H VHF : E2-E12 UHF : E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10	PAL NTSC4.43, NTSC3.58 (VIDEO IN)		
French	B/G/H, D/K, L, I	GERMAN/NICAM Stereo	L VHF: F02-F10 UHF: F21-F60 CABLE: B-Q B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1): S1-S41 CABLE TV (2): S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H2 (C) UHF: 21-69 I UHF: B21-B69	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)		
AEP	B/G/H, D/K	GERMAN Stereo	PAL B/G/H VHF: E2-E12 UHF: E21-E69 CABLE TV (1): S1-S41 CABLE TV (2): S01-S05, M1-M10, U1-U10 ITALIA VHF: A-H2 (C) UHF: 21-69 D/K VHF: R01-R12 UHF: R21-R69	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)		
Spanish	B/G/H, D/K	GERMAN/NICAM Stereo	PAL B/G VHF : E2-E12 UHF : E21-E69 CABLE TV (1) : S1-S41 CABLE TV (2) : S01-S05, M1-M10, U1-U10 ITALIA VHF : A-H2 (C) UHF : 21-69	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)		
		KV-25C5K/29C5K GERMAN/NICAM STEREO	B/G/H VHF : E2-E12 UHF : E21-E69 CABLE TV (1) : S1-S41 D/K VHF : R01-R12 UHF : R21-R69	PAL, SECAM NTSC4.43, NTSC3.58 (VIDEO IN)		
		KV-25C5R/29C5R GERMAN STEREO				

MODEL	25C5A	25C5B	25C5D	25C5E	25C5K	25C5R	29C5A	29C5B	29C5D	29C5E	29C5K	29C5R
Power Consumption	89W	97W	97 W	97W	97 W	97W	100.1W	108W	108W	108W	108W	108W

rm		777	TIDITAL
	 $\sf URE$		JBB

KV-25C5

Super Trinitron

Approx. 63cm (25 inches) (Approx. 59cm picture measured

diagonally)

110 degree deflection

KV-29C5

Super Trinitron

Approx. 72cm (29 inches) (Approx. 68cm picture measured

diagonally)

110 degree deflection

Input/Output Terminals

[REAR]

21-pin Euro connector (CENELEC standard).

Inputs for Audio and Video signals.

Inputs for RGB.

Outputs of TV Video and Audio signals.

3 21-pin Euro connector.

inputs for Audio and Video signals.

inputs for S Video.

outputs for Audio and Video signals (selectable).

 Θ Phono Jack

Outputs for Audio Signals

[FRONT]

⊝2 Video input - phono jack

⊕2 Audio inputs - phono jacks

S Video input 4 pin DIN

 Ω Headphone jacks: stereo minijack

Sound output

2 x 20W (Music Power)

Power requirements

220 - 240V

Dimensions

KV-25C5

Approx 717x507x494mm KV-29C5 Approx 794x567x545mr1

Weight

KV-25C5 KV-29C5 Approx 33kg Approx 43kg

Supplied accessories

RM-883 Remote Commander (1) IEC designated R6 battery (1)

Other features

NICAM*, FASTEXT, TOPTEXT

*(KV-25C5B/25C5E/25C\$</ 29C5B/29C5E/29C\$C only)

[RM-883]

Remote control system

Power requirements

infrared control 1.5V dc

1 battery IEC designation

R6 (size AA)

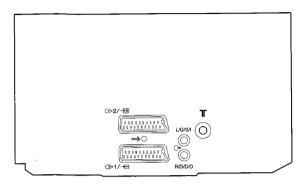
Dimensions Weight

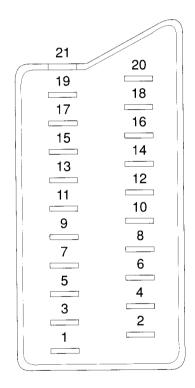
Approx 65x225x21mm /h/d) Approx 157g (Not incluing battery)

Design and specifications are subject to change v≠hout notice.

Model Name	KV-25C5A	KV-25C5B	KV-25C5D	KV-25C5E	KV-25C5K	KV-25C5R
Item	KV-29C5A	KV-29C5B	KV-29C5D	KV-29C5E	KV-29C5K	KV-29C5R
Pal Comb	OFF	OFF	OFF	OFF	OFF	OFF
PIP	OFF	OFF	OFF	OFF	OFF	OFF
RGB Priority	OFF	OFF	OFF	ON	OFF	OFF
Woofer Box	OFF	OFF	OFF	OFF	OFF	OFF
Scart 1	ON	ON	ON	ON	ON	ON
Scart 2	ON	ON	ON	ON	ON	ON
Front in (3)	ON	ON	ON	ON	ON	ON
Scart 4	OFF	OFF	OFF	OFF	OFF	OFF
Projector	OFF	OFF	OFF	OFF	OFF	OFF
AKB in 16:9 mode	ON	ON	ON	ON	ON	ON
Norm B/G/H	ON	ON	ON	ON	ON	ON
Norm I	OFF	ON	OFF	OFF	OFF	OFF
Norm D/K	OFF	ON	ON	ON	ON	ON
Norm AUS	OFF	OFF	OFF	OFF	OFF	OFF
Norm L	OFF	ON	OFF	OFF	OFF	OFF
Norm SAT	OFF	OFF	OFF	OFF	OFF	OFF
Norm M	OFF	OFF	OFF	OFF	OFF	OFF
Teletext	ON	ON	ON	ON	ON	ON
Nicam Stereo	OFF	ON	OFF	ON	ON	OFF
Language Preset	Italian	French	German	Spanish	OIRT	OIRT

21 pin connector (\bigcirc 1/ \rightarrow \bigcirc , \bigcirc 2/ \rightarrow \bigcirc 2)





Pin No	1	2	4	Signal	Signal level		
1	0	0	0	Audio output B (right)	Standard level : 0.5V rms Output impedence : Less than 1kohm*		
2	0	0	0	Audio output B (right)	Standard level : 0.5V rms Output impedence : More than 10kohm*		
3	0	0	0	Audio output A (left)	Standard level : 0.5V rms Output impedence : Less than 1kohm*		
4	0	0	0	Ground (audio)			
5	0	0	0	Ground (blue)			
6	0	0	0	Audio input A (left)	Standard level : 0.5V rms Output impedence : More than 10kohm*		
7	0	•	•	Blue input	0.7 +/- 3dB, 75 ohms positive		
8	0	0	0	Function select (AV control)	High state (9.5-12V) : Part mode Low state (0-2V) : TV mode Input impedence : More than 10K ohms Input capacitance : Less than 2nF		
9	0	0	0	Ground (green)			
10	0	0	0	Open			
11	1 O • Green		Green	Green signal : 0.7 +/- 3dB, 75 ohms, positive			
12	0	0	0	Open			
13	0	0	0	Ground (red)			
14	0	0	0	Ground (blanking)			
45	0	-	-	Red input	0.7 +/- 3dB, 75 ohms, positive		
15	-	0	0	(S signal Chroma input)	0.3 +/- 3dB, 75 ohms, positive		
16	0	•	•	Blanking input (Ys signal)	High state (1-3V) Low state (0-0.4V) Input impedence : 75 ohms		
17	0	0	0	Ground (video output)			
18	0	0	0	Ground (video input)			
19	0	0	0	Video output	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)		
	0	-	-	Video input	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)		
20	-	0	0	Video input Y (S signal)	1V +/- 3dB, 75ohms, positive sync 0.3V (-3+10dB)		
21 Common ground (plug, shield)							

○ Connected ● I

Not Connected (open) * at 20Hz - 20kHz

Pin No	Signal	Signal level					
1	Ground						
2	Ground						
3	Y (S signal) input	1V+/- 3dB 75 ohm, positive Symc 0.3V -3/+ 10dB					
4	C (S signal input	0.3V+/- 3dB 75 ohm, positive Sync					

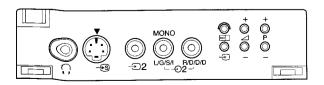


TABLE OF CONTENTS

Sec	ction	Title	Page	Sec	ction	Ti	itle	Pag
1.	GENER	AL		4.	CIRCUI	T ADJ	USTMENTS	
		Overview of TV buttons	6		4-1.	Electr	rical Adjustments	20
		Using Select Mode	6		4-2.	Test N	Mode 2	23
		Adjusting the Picture	7		4-3.	FE-1	Self Diagnostic Software	24
		Adjusting the Sound	7					
		Using the Sleep Timer	8	5.	DIAGRA	AMS		
		Viewing Teletext	8					
		Exchanging Programme Pos	9		5-1.	Block	Diagram	25
		Manually Tuning the TV	9		5-2.	Circu	it Board Location	32
		Fine-Tuning Channels	10		5-3.	Schen	natic Diagrams and	
		Using Optional Equipment	10			Printe	d Wiring Boards	32
		Troubleshooting	11			*	S1 Board	34
		Specifications	11			*	A Board	41
_						*	VM Board (KV-29C5 onl	ly)46
2.	DISASS	EMBLY				*	C Board	49
						*	H1 Board	51
	2-1.	Rear Cover Removal	12		5-4.	Semic	conductors	53
	2-2.	Chassis Assy Removal	12		5-5.	IC Blo	ocks	55
	2-3.	Service Position	13					
	2-4.	H1 Board Removal	13	6.	EXPLOI	DED V	IEWS	
	2-5.	S1 Board Removal	13					
	2-6.	Picture Tube Removal	14		6-1.	Chass	is	56
	2-7.	Removal and Replacement of the			6-2.	Pictur	e Tube	57
		Main - Bracket bottom plates	15					
				7.	ELECTF	RICAL	PARTS LIST	58
3.	SET-UP	ADJUSTMENTS						
	3-1.	Beam Landing	16					
	3-2.	Convergence	17					
	3-3.	Screen [G2] White Balance	19					
	3-4.	Focus	19					

CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR THE CARBON PAINTED ON THE CRT, AFTER REMOVAL OF THE ANODE CAP

WARNING!!

AN ISOLATING TRANSFORMER SHOULD BE USED DURING ANY SERVICE WORK TO AVOID POSSIBLE SHOCK HAZARD DUE TO LIVE CHASSIS. THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARKED \triangle ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

ATTENTION

APRES AVOIR DECONNECTE LE CAP DE'LANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQU E DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINT'E SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION !!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENTION, UN TRANSFORMATEU R D'ISOLEMENT DOIT ETRE UTILISÈ LORS DE TOUT DÈPANNAGE. LE CHÁSSIS DE CE RÈCEPTEUR EST DIRECTMENT RACCORDÈ Á L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS 🚣 LA SÈCURITÈ !!

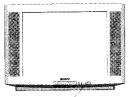
LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR. UNE MARQUE A SUR LES SCHÈMAS DE PRINCIPE, LES VUES EXPLOSÈES ET LES LISTES DE PIECES SONT D'UNE IMP ORTANCE CRITIQUE POUR LA SÈCURITÈ DU FONCTIONNEMENT, TELES REMPLACER QUE PAR DES COMPSANTS SONY DONT LE NUMÈRO DE PIÈCE EST INDIQUÈ DANS LE PRÈSENT MANUEL OU DANS DES SUPPLÈMENTS PUBLIÈS PAR SONY.

SECTION 1 GENERAL

The operating instructions mentioned here are partial abstracts from the Operating Manual. The page numbers of the Operating Instruction Manual remain as in the manual.

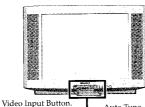
Basic TV Features

Overview of TV Buttons

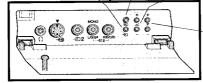


On/Off Switch.

Video Input Button.
(selects input signals
from VCR etc.).



Auto Tune
Button. Volume Control Buttons.



1 2 3

4 5

7 8

0

6

9

P

MENU

R RM-883

Programme Up or Down Buttons. (selects TV channels).

Overview of Remote Control Buttons

To Mute Sound

Press to mute TV sound. Press again to restore the sound.

To Select Channels

Press to select channels.

For double-digit programme numbers, e.g. 23, press -/- first, then the buttons 2 and 3.

To Change Screen Format

Press to view programmes in 16:9 mode.

Press again to return to 4:3 mode.

To Adjust TV Volume

Press to adjust the volume of the TV.

To Temporarily Switch Off TV

Press to temporarily switch off TV. Press again to switch on TV from standby

To save energy we recommend switching off completely when TV is not in use.

NOTE: After 15 - 30 minutes without a TV signal and without any button being pressed, the TV switches automatically into standby mode.

To Reveal On Screen Information

Press to reveal all on-screen indications. Press again to cancel.

To Select Channels

Press to select channels.

Additional TV Features

2 3

(5)

(8)

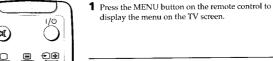
R RM-883

SONTY

TV

Using Select Mode

You can select different preset picture and sound modes.





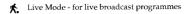
With the cursor pointing at the symbol on the TV screen as shown, press the yellow button.



3 Press the blue button to select the desired mode:



Movie Mode - for films





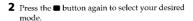
> 🗷

4 Press the MENU button to remove the menu display from the TV screen.

Note: The mode selected in step 3 is now stored.

Changing Modes Quickly

 Press the button on the remote control to display the three different modes.





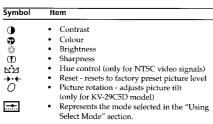
Adjusting the Picture

Although the picture is adjusted at the factory, you can modify it to suit your own requirement.

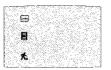


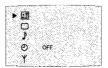
7

- 1 Press the **button** on the remote control to display the three different modes on the TV
- **2** Press the **b**utton to highlight the personal mode symbol ___ as shown.
- **3** Press the MENU button to display the menu on the TV screen.
- **4** Press the blue button on the control to select the o symbol on the TV screen then press the yellow button.
- **5** Press the blue button to select the item you wish to change (see below).
- **6** Press the red or yellow button to alter the selected
- **7** Press the MENU button to remove the menu display from the TV screen.

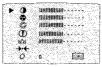








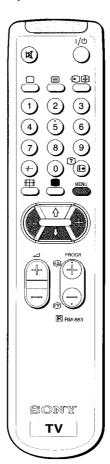




Additional TV Features

Adjusting the Sound

Although the sound is adjusted at the factory, you can modify it to suit your own requirement.



- 1 Press the button on the remote control to display the three different modes on the TV screen.
- **2** Press the **b**utton to highlight the personal mode symbol as shown.





Ħ.

4 Press the blue button to select the **J** symbol on the TV screen then press the yellow button.



5 Press the blue button to select the item you wish to change (see below).



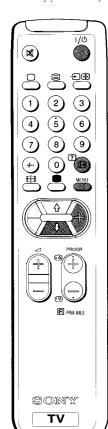
- **6** Press the red or yellow button to alter the selected
- 7 Press the MENU button to remove the menu display from the TV screen.

Symbol	Item
D A	Mono sound/Stereo sound A: Channel 1 sound/B: Channel 2 sound (to select your desired language from a dual sound broadcast)
DSP \$	On/Off (digital sound processor) Treble Bass Balance Reset (resets to factory preset sound level) Represents the mode selected in the "Using Select Mode" section of the manual.

Additional TV Features

Using the Sleep Timer

The TV may be set to switch automatically to the standby mode after a length of time chosen by you. You may set the time in 15 minute steps up to 4 hours.



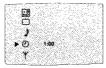
1 Press the MENU button on the remote control to display the menu on the TV screen.



2 Press the blue button on the control to select the ⊙ symbol on the TV screen, then press the yellow button.



3 Press the yellow button repeatedly until the required amount of time delay appears on the screen.



4 Once the time delay has been selected, press the MENU button to remove the on-screen display.



One minute before standby, the display shown appears on the screen.

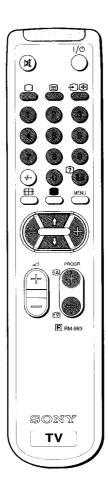
Notes:

- When watching TV, press the ⊕ button to display time remaining.
- To return to normal operation from standby mode, press the I/O button.

Additional TV Features

Viewing Teletext

Teletext is an information service transmitted by most TV stations.



Selecting Teletext

- 1 Press a number button on the remote control to select the channel which carries the teletext service you wish to receive.
- Press the ≡ button on the remote control to switch on teletext.



3 Input three digits for the page number using the numbered buttons on the control.

4 Press the \bigcirc button to switch off teletext.

Note: Teletext errors may occur if the broadcasting signals are weak.

Using Other Teletext Functions To Superimpose Teletext on to the TV

Press \blacksquare once in teletext mode or twice in TV mode to superimpose teletext on to the TV screen.

Press again to cancel teletext mode.



Press PROGR +/- on the remote control to select the previous or next page.

To Freeze a Teletext Page

Press ♠ on the control to freeze the page. Press ♠ again to cancel the freeze.

Revealing concealed information (eg: answers to a quiz).

Press **?** to reveal information. Press again to conceal the information.

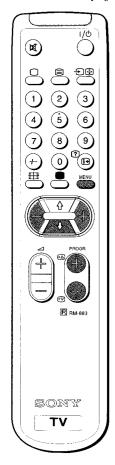
Using colour buttons to access pages (Fastext)

When the colour coded menu appears at the bottom of a page, press the colour button (green, red, yellow or blue) to access the corresponding page.



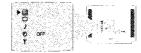
Exchanging Programme Positions

After tuning you may wish to change the order in which the channels appear on the TV. You may wish for example to exchange the channel on programme number 8 with the channel on programme number 4.



9

1 Press the MENU button on the remote control.



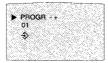
2 Press the blue button on the control to select \forall on the TV screen, then press the yellow button.



3 Press the blue button to select \mathbb{Q}_{2} then press the yellow button.



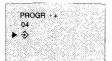
4 With the cursor pointing at PROGR on the TV screen as shown, press PROGR + or - button until the channel you wish to rearrange appears on screen, then press the blue button once.



5 Press the red or yellow button to select the new programme number (e.g. PROGR 04) for your selected channel.



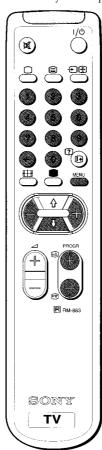
6 Press the blue button to select **♦** then press the yellow button to exchange the channels.



- **7** Repeat steps 4 to 6 if you wish to change the order of the other channels on your TV, then press MENU to return to normal TV screen.
- **8** Press the PROGR+/- button to view your selected channels on their new programme numbers.

Manually Tuning the TV

You have already tuned the TV to receive all available channels using the `Automatically Tuning the TV' procedure at the start of this manual. You can however carry out this operation manually using the following instructions.



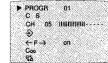
1 Press the MENU button on the remote control to display the menu on the TV screen.



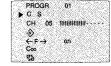
2 Press the blue button to select the \forall symbol on the TV screen then press the yellow button.



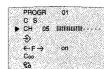
3 With the cursor pointing at PROGR on the TV screen as shown, press PROGR + or - button on the remote control to allocate a programme number to the channel (eg PROGR 01). For double digit numbers e.g. 55, press the -/-- button on the remote control then the corresponding numbered buttons.



4 Press the blue button to select the channel type (C to preset a regular channel or S to preset a cable channel) then press the yellow button to highlight the desired channel type.



5 Press the blue button to select the tuning bar scale then press the yellow or red button once to start the channel search. (Yellow to search up the scale or red to search down). When a channel is found it appears on the TV screen.



- 6 If you do not wish to store this channel on the programme number you selected, press the yellow or red button to continue searching for the desired channel.
- **7** If this is the channel you wish to store, press the blue button to select the \$\sigma\$ symbol on the screen then press the yellow button to store.
- CH 05 IDM/IDM/----**▶** →
- **8** Repeat steps 3 to 7 if you wish to store more channels then press the MENU button to remove the menu from the TV screen.

Fine-Tuning Channels

If a channel is slightly off tune, you can use this fine tune procedure to obtain a better picture reception.



1 With the channel you wish to fine-tune on the screen, press the MENU button on the remote control. The menu display appears on the TV screen.



2 Press the blue button on the remote control to select the *Y symbol on the TV screen then press the yellow button.



3 Press the blue button to select the ←F→ symbol on the TV screen then press the red or yellow button to adjust the tuning.

	RO(arı	u	١	
Ç	н	05	HATO	HADRO	
-	>				
* (٠F.	•	or	1	
€	ao				
P	5				

4 Press the blue button to select the **⇒** symbol on the TV screen then press the yellow button to store.

PROG	R 01	
G S		
CH	05 IIIII	Munit
▶ ﴿		
← F-	e or	(****
Coo		
85		

5 Press the MENU button to remove the menu from the TV screen.

Optional Connections

Using Optional Equipment

You can connect optional audio or video equipment to your TV, such as a VCR, a camcorder or video games as shown.

Select and View the Input Signal

- 1 Connect your equipment to the designated TV socket.
- **2** Press the ⊕ button repeatedly on your remote control until the correct input symbol appears on the TV screen.

Symbol Input signals

- Audio/video input signal through the Euro AV connector
- RGB input signal through the Euro AV connector
- S video input signal through the socket B.
- 3 Switch on the connected equipment.
- **4** To return to normal TV picture, press the button on the remote control

Front of TV Smm/His camcorder S-VHS/His camcorder

Additional Information

Connecting a VCR

We recommend you tune in the VCR signal to TV programme number `0' using the `Manually Tuning in the TV' section of this instruction manual.

Connecting Headphones

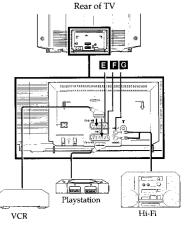
Plug in your headphones to the socket **A** on the front of the TV set.

Connecting Decoders

Plug in decoders to the socket F on the rear of the TV.

Connecting to External Audio Equipment

Plug in your Hi-Fi equipment to the **G** sockets on the rear of the TV if you wish to amplify the audio output from the TV.



17

10

Specifications

Troubleshooting

Here are some simple solutions to problems which may affect the picture and sound.

Problem	Solution
No picture (screen is dark), no sound	 Plug the TV in. Press the ① button on the front of TV. If the ② indicator is on press /② button or a programme number button on the remote control. Check the aerial connection. Check that the selected video source is on. Turn the TV off for 3 or 4 seconds and then turn it on again using the ① button on the front of the TV.
Poor or no picture (screen is dark), but good sound	 Using the MENU system, select the Picture Adjustment display. Adjust the brightness, picture and colour balance levels. From the Picture Adjustment display select → to return to the factory settings.
Poor picture quality when watching a RGB video source.	 Press the ⊕ button repeatedly on the remote control until the RGB symbol ← is displayed on the screen.
Good picture, no sound	 Press the ∠ +/- button on the remote control. If X is displayed on the screen, press the X button on the remote control.
No colour on colour programmes	 Using the MENU system, select the Picture Adjustment display. Adjust the colour balance. From the Picture Adjustment display select → to return to the factory settings.
Distorted picture when changing programmes or selecting teletext	Turn off any equipment connected to the 21 pin Euro connector on the rear of the TV.
Remote control does not function	Replace the batteries.

- If you continue to have these problems, have your TV serviced by qualified personnel.
- . NEVER open the casing yourself.

TV system

B/G/H

Colour system

PAL, SECAM

NTSC 3.58, 4.43 (only Video In)

Channel coverage

VHF: E2-E12 UHF: E21-E69 HYPER: S1-S46

Picture tube

KV-25C5D:

Super Trinitron

Approx. 63 cm (25 inches) (Approx. 59 cm picture measured diagonally),

110 deflection

KV-29C5D:

Super Trinitron

Approx. 72 cm (29 inches) (Approx. 68 cm picture measured diagonally),

110 deflection

Inputs

- Rear Terminals
- ⊕-1/- 21-pin Euro connector (CENELEC standard) including audio/video input, RGB input, TV audio/video output
- ②+2/-⑤ 21-pin Euro connector (CENELEC standard) including audio/video input, S-video input, Monitor audio/video output
- Front Terminals
- €2 video input phono jack
- €2 audio inputs phono jacks
- S video input 4 pin DIN

Outputs

- Audio outputs phono jacks

Sound output:

2 x 10 W (RMS)

Power consumption

KV-25C5D: 97 W KV-29C5D: 108 W

Standby Power consumption

1 W

Dimensions (wxhxd)

KV-25C5D: Approx. 717 x 507 x 494 mm KV-29C5D: Approx. 794 x 567 x 545 mm

Weight

KV-25C5D: Approx. 33 kg KV-29C5D: Approx. 43 kg

Accessories supplied

RM-883 Remote Control (1) IEC designated batteries (2)

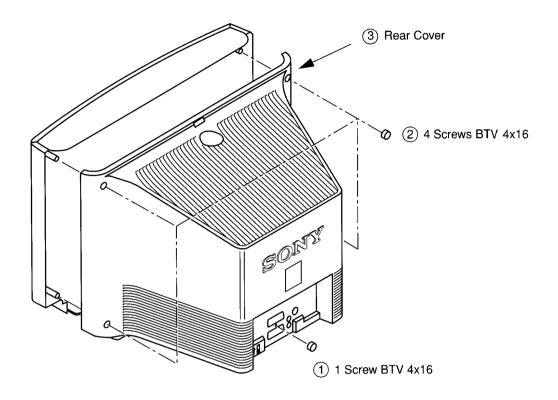
Other features

TELETEXT, Fastext, TOPtext

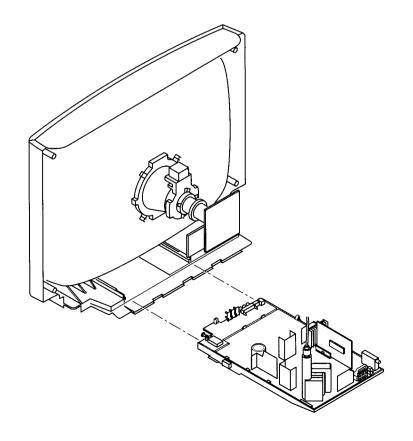
Design and specifications are subject to change without notice.

SECTION 2 DISASSEMBLY

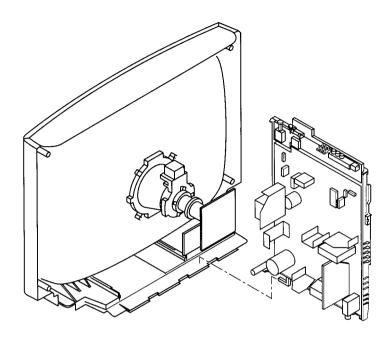
2-1. REAR COVER REMOVAL



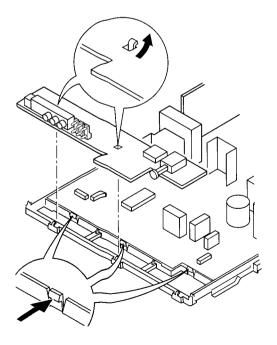
2-2. CHASSIS ASSY REMOVAL



2-3. SERVICE POSITION

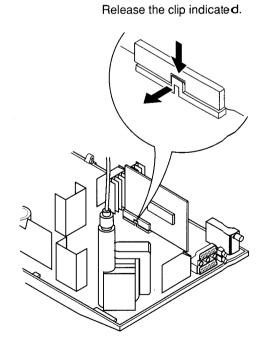


2-4. H1 BOARD REMOVAL

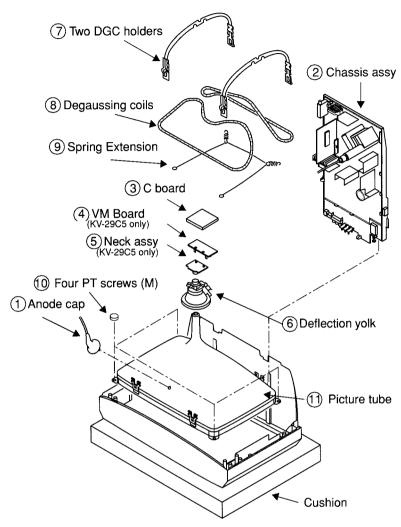


To release, \mathbf{p} ush the claws in the direction of the arrow $\mathbf{a}\mathbf{s}$ indicated.

2-5. S1 BOARD REMOVAL



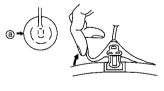
2-6. PICTURE TUBE REMOVAL

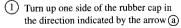


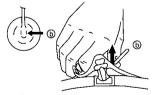
REMOVAL OF ANODE-CAP

Note: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon paint on the CRT, after removing the anode.

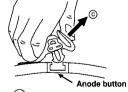
* REMOVING PROCEDURES.







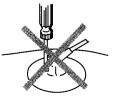
2) Using a thumb pull up the rubber cap (3) When one side of the rubber cap is firmly in the direction indicated by the arrow (b)



separated from the anode button, the anode-cap can be removed by turning up the rubber cap and pulling it up in the direction of the arrow (c)

HOW TO HANDLE THE ANODE-CAP

- To prevent damaging the surface of the anode-cap do not use sharp materials. Do not apply too great a pressure on the rubber, as this may cause damage to the anode connector.
- A metal fitting called a shatter hook terminal is fitted inside the rubber cap. Do not turn the rubber foot over excessively this may cause damage if the shatter hook sticks out.





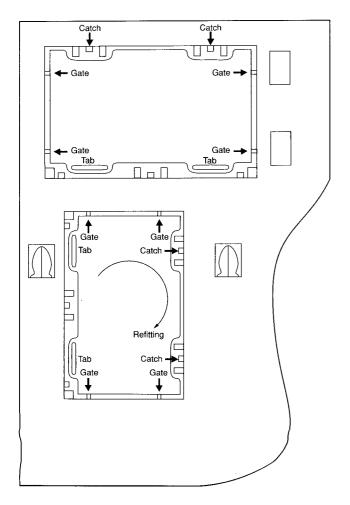
REMOVAL AND REPLACEMENT OF THE MAIN-BRACKET BOTTOM PLATES.

(1) REMOVING THE PLATES

In the event of servicing being required to the solder side of the A Board printed wiring board, the bottom plates fitted to the main chassis bracket require to be removed.

This is performed by cutting the gates with a sharp wire cutter at the locations shown and indicated by arrows.

Note :There are 2 plates fitted to the main bracket and secured by 4 gates. Only remove the necessary plate to gain access to the printed wiring board.



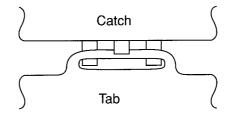


For safety reasons, on no account should the plates be removed and not refitted after servicing.

(2) REFITTING THE PLATES

Because the plates differ in size it is important that the correct plates are refitted in their original location.

Please note that the plates need to be rotated 180 degrees from the cut position to allow the tabs to be fitted in the catch positions.



SECTION 3 SET-UP ADJUSTMENTS

- When complete readjustment is necessary or a new picture tube is installed, carry out the following adjustments.
- Unless there are specific instructions to the contrary, carry out these adjustments with the rated power supply.
- Unless there are specific instructions to the contrary, set the controls and switches to the following settings:

Contrast 80% [or remote control normal]

Brightness 50%

Carry out the following adjustments in this order:

- 3-1. Beam Landing
- 3-2. Convergence
- 3-4. Focus
- 3-3. White balance

Note: Test equipment required

- Color bar/pattern generator.
- 2. Degausser.
- 3. Oscilloscope.
- 4. Digital multimeter.
- 5. DC Power supply.

Preparation:

- 1. In order to reduce the influence of geomagnetism on the set's picture tube, face it in an easterly or westerly direction.
- 2. Switch on the TV set's power and degauss with the degausser.

3-1. BEAM LANDING

- Input an all-white signal from the pattern generator.
 Set the Contrast and Brightness to normal.
- 2. Set the pattern generator raster signal to all Red.
- 3. Move the deflection yolk forward and adjust with the purity control so that the Red is at the centre and the Blue and Green take up equally sized areas on each side of the screen. [See Fig.3-1 3-3].
- Move the deflection yolk forward and adjust so that the entire screen becomes Red. [See Fig.3-1].
- 5. Switch the raster signal to Blue, then to Green and verify the purity condition.
- 6. When the position of the deflection yolk has been determined, fasten the deflection yolk with the screws.
- 7. If the beam does not land correctly in all the corners, use magnets to correct it. [See Fig.3-4].

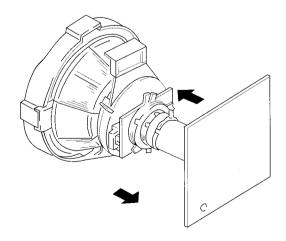
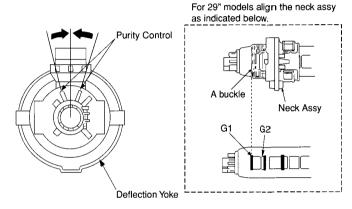
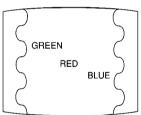


Fig. 3-1







Purity control corrects this area.

Disk magnets or rotatable disk magnets correct these areas (a · d).

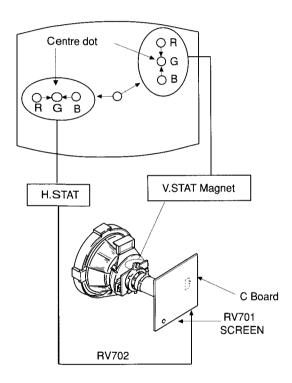
Deflection yolk positioning corrects these areas.

3-2. CONVERGENCE

Preparation:

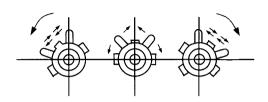
- Before starting this adjustment, adjust the focus, horizontal size and vertical size.
- Minimize the Brightness setting.
- Input a dot pattern from the pattern generator.

(1) Horizontal and vertical static convergence

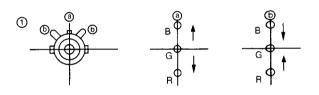


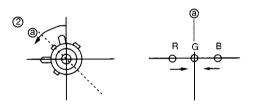
- 1. [Moving horizontally], adjust the H.STAT control so that the Red, Green and Blue points are on top of each other at the centre of the screen.
- 2. [Moving vertically], adjust the V.STAT magnet so that the Red, Green and Blue points are on top of each other at the centre of the screen.
- 3. If the H.STAT variable resistor is unable to bring the Red, Green and Blue points together at the centre of the screen, adjust the horizontal convergence with the H.STAT variable resistor and the V.STAT magnet in the manner indicated below. [In this case, the H.STAT variable resistor and the V.STAT magnet influence each other].

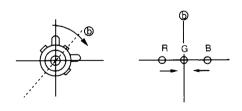
• Tilt the V.STAT magnet and adjust the static convergence by opening or closing the V.STAT magnet.

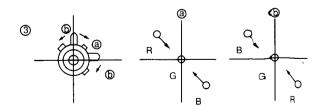


4. If the V.STAT magnet is moved in the direction of the and b arrows, the Red, Green and Blue points move as indicated below.

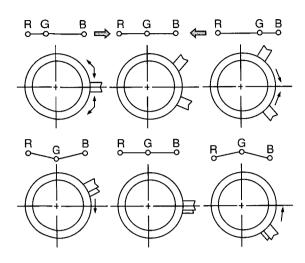








(2) Operation of the BMC (Hexapole) magnet.



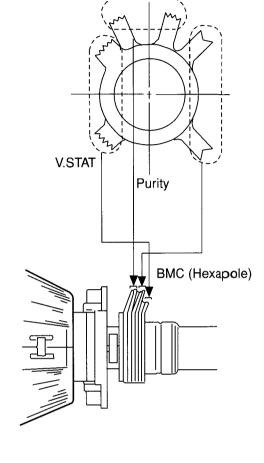
 The respective dot position resulting from moving each magnet interact, so be sure to perform adjustment whilst tracking.

Use the H.STAT VR to adjust the Red, Green and Blue dots so that they coincide at the centre of the screen [by moving the dots in the horizontal direction].

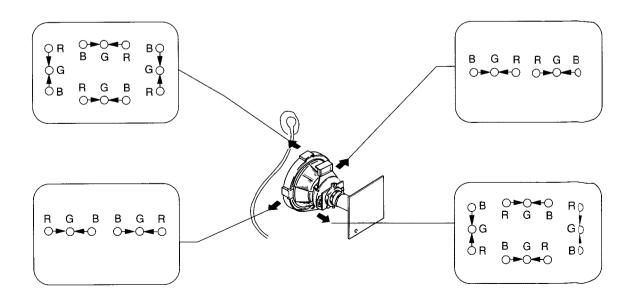
(3) Dynamic convergence adjustment.

Preparation:

- Before starting this adjustment, adjust the horizontal and vertical static convergence.
- 1. Slightly loosen the deflection yolk screws.

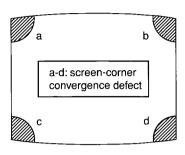


- 2. Remove the deflection yolk spacer.
- 3. Move the deflection yolk as indicated in the figure below and optimize the convergence.
- 4. Tighten the deflection yolk screws.
- 5. Re-install the deflection yolk spacer.

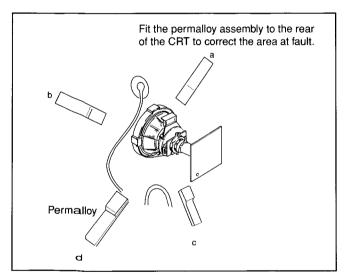


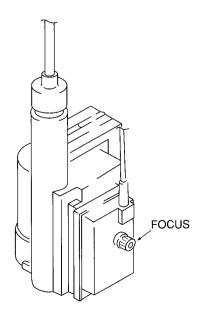
(4) Screen corner convergence.

• If you are unable to adjust the corner convergence properly, this can be corrected by the use of permalloy assemblies.









3-3. Screen [G2], White balance

G2 Setting

- 1. Input a dot signal from the pattern generator.
- 2. Set the Picture, Brightness and Colour to minimum.
- Apply 170Vdc from an external power supply to the R, G and B cathodes of the CRT.
- 4. Whilst watching the picture, adjust the G2 control [RV701 SCREEN] located on the C Board to the point just before the flyback return lines disappear.

White balance adjustment

- 1. Input a 'PAL' all-white signal from the pattern generator.
- 2. Enter into the Service Mode.
- 3. Enter into the 'Picture' service menu.
- 4. Select the 'Green drive' and adjust so that the White Balance becomes optimum.
- Select the 'Blue drive' and adjust so that the White Balance becomes optimum.
- 6. Set the Picture to MIN.
- 7. Set the 'R-cut-off' to 07.
- Adjust the 'G-cut-off', and the 'B-cut-off' so that the White Balance becomes optimum.
- 9. Press the Dutton to return to TV operation.

	PICTURE	
	R - Drive	Adj
	G - Drive	Adj
	B - Drive	Adj
محمد	R - cut - off	Adj
	G - cut - off	Adj
	B - cut - off	Adj
	ID - start	02
	ID - stop	01
	ID - level	01
	Bellfo	Adj
	Sub Colour	Adj
	Sub Brightness	Adj

3-4. FOCUS

- 1. Input a Phillips colour pattern
- 2. Set the picture settings to normal.
- 3. Adjust the focus control located on the Flyback transformer to bring the centre of the screen into focus.

Note: Bring only the centre area of the screen into focus, switch to an all-white pattern and confirm that the magenta ring is hardly noticed. To obtain optimum focus balance the focus setting between optimum screen centre focus and a reduced magenta ring level.

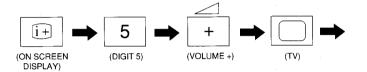
SECTION 4 CIRCUIT ADJUSTMENTS

4-1. ELECTRICAL ADJUSTMENTS

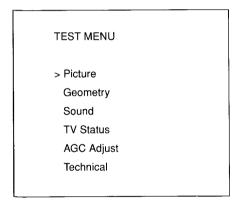
Service adjustments to this model can be performed using the supplied Remote Commander RM-883.

HOW TO ENTER INTO SERVICE MODE

- Turn on the main power switch and enter into the stand-by mode.
- 2. Press the following sequence of buttons on the Remote Commander.



- 'TT--' will appear in the upper right corner of the screen.
 - Other status information will also be displayed.
- 3. Press 'MENU' on the remote commander to obtain the following menu on the screen.



- 4. Move to the corresponding adjustment item using the 'Green' [up] or 'Blue' [down] buttons on the Remote Commander.
- 5. Press the 'Yellow' button to enter into the required menu item.
- 6. Press the 'Menu' button on the Remote Commander to quit the Service Mode when all adjustments have been completed.

Note: The data shown in the 'TV STATUS' table is dependent on destination and country.

PICTURE	
R - Drive	Adj
G - Drive	Adj
B - Drive	Adj
R - cut - off	Adj
G - cut - off	Adj
B - cut - off	Adj
ID - start	02
ID - stop	01
ID - level	01
Bellfo	Adj
Sub Colour	Adj
Sub Brightness	Adj

GEOMETRY		
V centre	Adj	
V size	Adj	
V Lin	Adj	
S Corr	Adj	
H Cent	Adj	
H Size	Adj	
Pin Amp	Adj	
Corner Pin	Adj	
Pin Phase	Adj	
V Bow	Adj	
V Angle	Adj	
Upper V Lin	Adj	
Lower V Lin	Adj	
Left HBLK	07	
Right HBLK	07	
CD Mode (AV)	01	

SOUND	
Nicam Error Lower	20
Nicam Error Upper	80
Nicam Error Rate	xx [Status ₀nl y]
AGC Gain Level	xx [Status (nly]

TV STATUS	
Destination	A/L/E/U/D/BK/P
Text Language	East/West

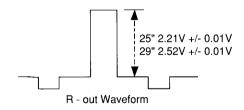
TECHNICAL	
GD - Secam	30
BD - Secam	31
RC - Secam	11
GC - Secam	19
BC - Secam	10
GD - Sports	30
BD - Sports	36
RC - Sports	14
GC - Sports	15
BC - Sports	17
Y - Delay (AV)	07

SUB BRIGHTNESS ADJUSTMENT

- 1. Input a Phillips colour pattern.
- 2. Press 'TEST' 'TEST' 13 on the Remote Commander.
- 3. Adjust the 'Sub-Brightness' data so that there is barely a difference between the 0 IRE and 10 IRE signal levels.

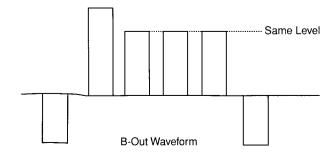
SUB CONTRAST ADJUSTMENT

- 1. Input a video signal that contains a small 100% white area on a black background
- 2. Set the picture control to maximum. ['TT01']
- 3. Connect an oscilloscope to Pin 1 of CN504 [A Board].
- 4. Enter into the 'Picture' service menu.
- 5. Adjust the 'R Drive' data to obtain the following waveform.



SUB COLOUR ADJUSTMENT

- 1. Receive a PAL colour bar signal.
- 2. Connect an oscilloscope to Pin 3 of CN504 [A Board].
- 3. Enter into the 'Picture' service menu.
- 4. Adjust the 'Sub Colour' data so that the Cyan, Magenta and Blue colour bars are of equal levels as indicated below.



Note: Ensure that no signal is applied to the Antenna socket while carrying out the following IF adjustments.

SYSTEM B/G, D/K, I & L I.F ADJUSTMENT

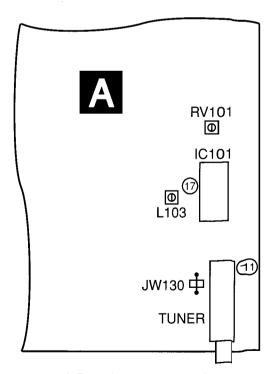
- Input a 38.9Mhz carrier signal at 100dBuV to Pin 11 [IF output] of the tuner [TU101].
- 2. Measure the voltage at Pin 17 of [IC101].
- 3. Adjust L103 [A Board] to obtain a voltage of 2.5V +/- 0.3V.

SYSTEM L BAND 1 I.F ADJUSTMENT

- 1. Input a 34.0MHz carrier signal at 100dBuV to Pin 11 [IF output] of the tuner [TU101].
- 2. Select 'system L' + C00 [channel 00].
- 3. Measure the voltage at Pin 17 [IC101].
- 4. Adjust RV101 [A Board] to obtain a voltage of 2.5V +/- 0.3V.

TUNER AGC ADJUSTMENT

- Receive a signal of 65dBuV / 75 ohm terminated, via the tuner antenna socket.
- 2. Connect a voltmeter to JW130 [A Board].
- 3. Enter into the 'Test Menu'.
- 3. Select the 'AGC Adjust' menu item.
- 4. Adjust the data using the Yellow and Green buttons on the Remote Commander to obtain a voltage of 3.0V +/- 0.2V.

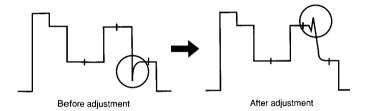


A Board component side

BELL FILTER ADJUSTMENT (Secam models only).

Note: Ensure that the TV set has been powered up for at least 1 minute to allow for drift before carrying out the following adjustment.

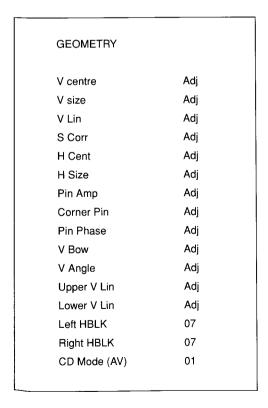
- 1. Input a video SECAM Colour Bar signal via AV1.
- Connect an oscilloscope to pin 1 of CN504 [R-OUT] on the A board
- 3. Enter into the 'Picture' menu and select 'Bell-f0'.
- 4. Decrease the register of 'Bell-f0' until the following waveform change between RED and BLUE is obtained.

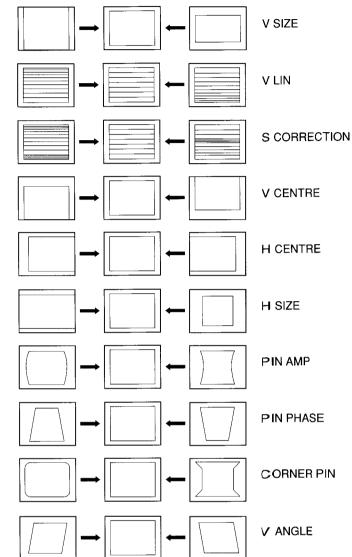


When the correct waveform has been obtained add an additional 7 steps to the register.

DEFLECTION SYSTEM ADJUSTMENT

- 1. Enter into the 'Geometry' service menu.
- 2. Select and adjust each item in order to obtain the optimum image.





4-2. TEST MODE 2:

Is available by pressing 'TEST' button twice, OSD 'TT' appears. The functions described below are available by pressing the two numbers. To release the Test mode 2, press 0 twice, or switch the TV into stand-by mode, or press the \Box TV button on the remote commander.

00	Consol Took made
00	Cancel Test mode
01	Picture maximum
02	Picture minimum
03	Volume 35%
04	Volume 50%
05	Volume 65%
06	Volume 80%
07	Ageing mode On/Off
08	Set shipping conditions
09	Display TV Status
10	No function
11	Sub Picture Adjustment
12	Sub Colour Adjustment
13	Sub Brightness Adjustment
14	Text H position Adjustment
15	Rotation test
16	Picture level 50%
17	Audio mute ON
18	Disable Blanking
19	No function
20	No function
21	Destination A
22	Destination L
23	Destination E
24	Destination U
25	Destination D
26	Destination B
27	Destination K
28	Destination R
29	No function
30	No function
31	Auto shutoff Disable/Enable
32	RGB priority Disable/Enable
33	Rotation On/OFF
34	Text language East/West
35	Wide CRT/4:3 CRT
36	VM ON/OFF test
37	No function
38	No function
39	No function
40	No function
41	Re-initialize the NVM [Only when Prog=59]
الــــــــــــــــــــــــــــــــــــ	. ,

42	Re-initialise geometry settings [Only when Prog=59]
43	No function
44	No function
45	No function
46	No function
47	No function
48	Set NVM as NON Virgin [Only when Prog=59]
49	Set NVM as Virgin [Only when Prog=59]
50	No function
51	No function
52	No function
53	No function
54	No function
55	No function
56	No function
57	No function
58	No function
59	No function
60	No function
61	Auto AGC Adjust
62	Alternative Dest B Autotuning
63	Enable/Disable Y/C input
64	Signal Quality Check for Auto Tune
65	Signal Quality NOT Checked for Auto Tune
66	No function
67	Manual AGC Adjust
68 -100	No function

4-3. FE-1 SELF DIAGNOSTIC SOFTWARE

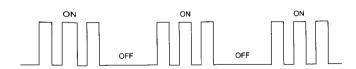
The identification of errors within the FE-1 chassis is triggered in one of two ways:-1: Busy or 2: Device failure to respond to IIC. In the event of one of these situations arising the software will first try to release the bus if busy (Failure to do so will report with continuous flashing LED) and then communicate with each device in turn to establish if a device is faulty. If a device is found to be faulty the relevant device number will be displayed through the LED (Series of flashes which must be counted) See Table 1., non fatal errors are reported using this method. Each time the software detects an error it is stored within the NVM. See Table 2.

Table 1

StBy LED

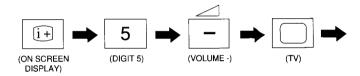
ERROR	LED ERROR COUNT
No error	00
Not allowed (may be confused with Sircs response flash!)	01
Protection circuit trip < ANY TIME >	02
Reserved	03
No vertical sync	04
AKB	05
IIC bus clock and/or data lines low at Power ON	06
NVM no IIC bus acknowledge at Power ON	07
Jungle controller no IIC acknowledge at Power ON	08
Tuner no acknowledge at Power ON	09
Sound processor no acknowledge at Power ON	10

Flash Timing Example: e.g. error number 3



How to enter into Table 2

- 1. Turn on the main power switch of the TV set and enter into the 'Standby Mode'.
- Press the following sequence of buttons on the Remote Commander.



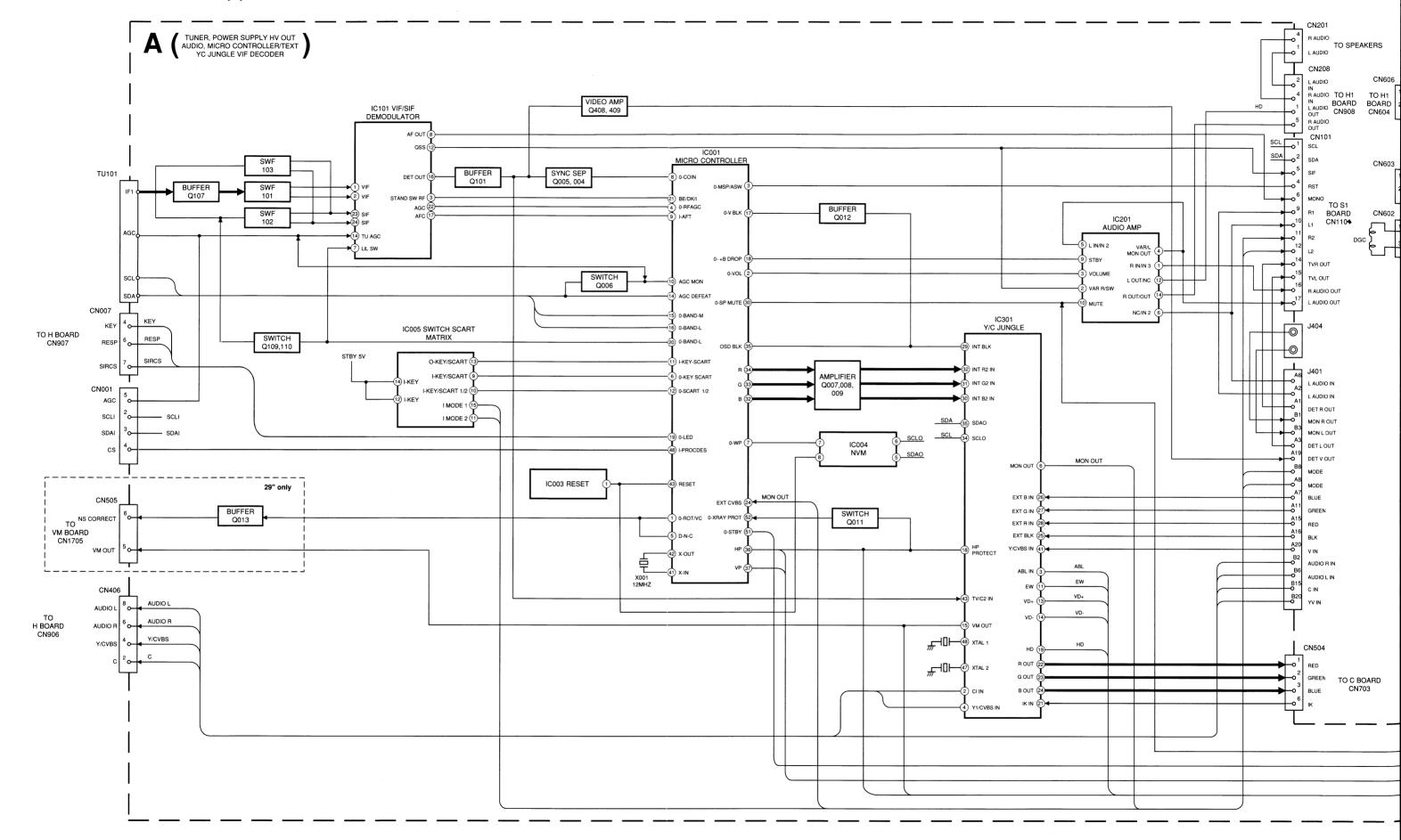
3. The following table will be displayed indicating the error count.

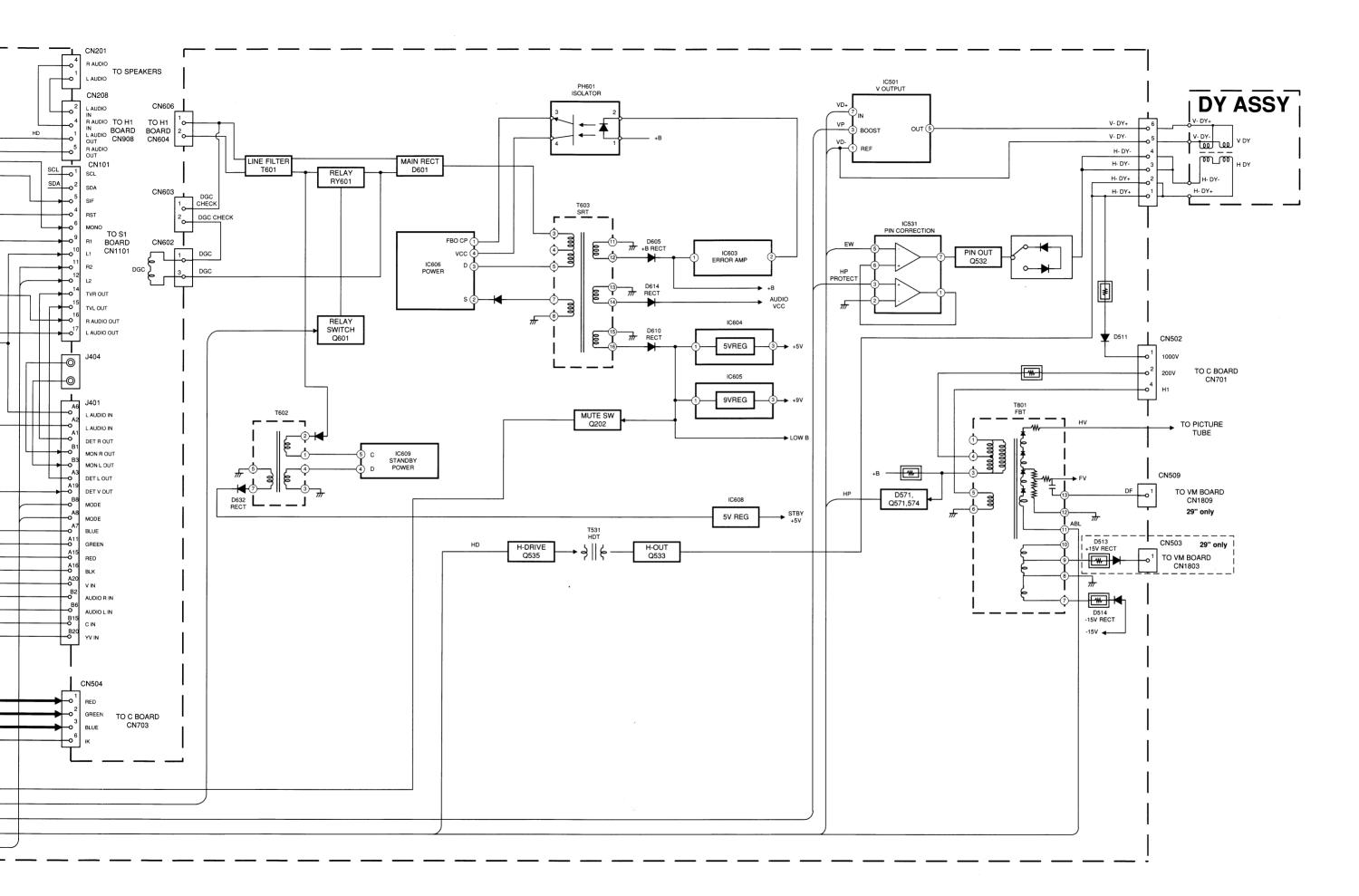
Table 2

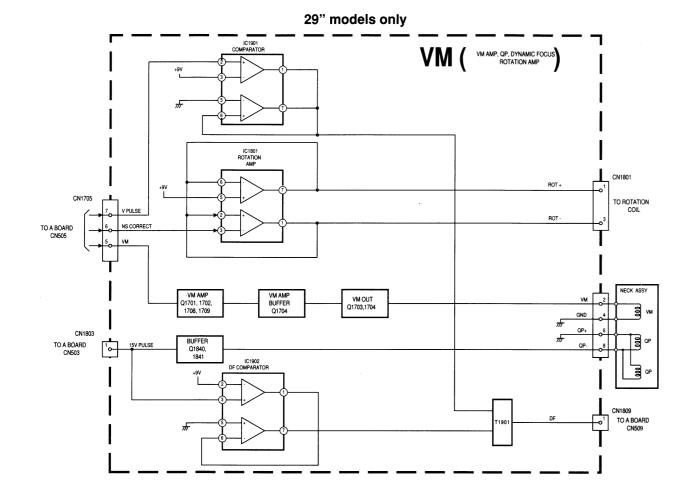
Error	Times
2	-
3	-
4	-
5	-
6	-
7	-
8	-
9	-
10	-

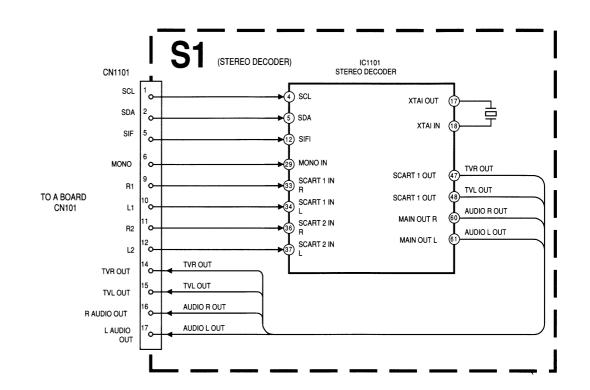
Note: To clear the error count data press '80' on the **R**emote commander.

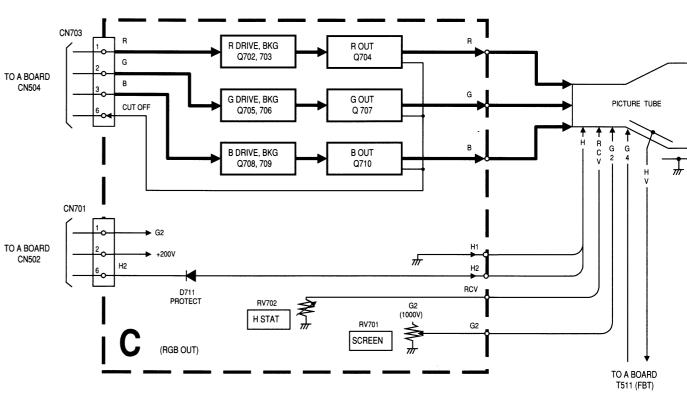
5-1 BLOCK DIAGRAMS (1)

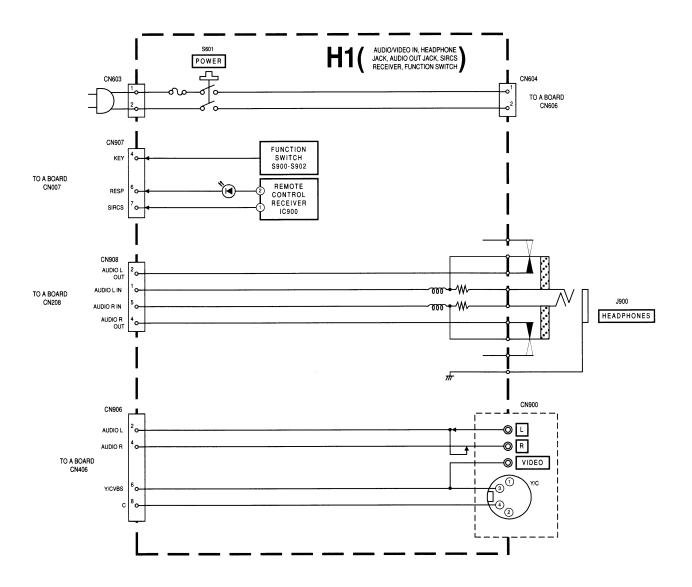




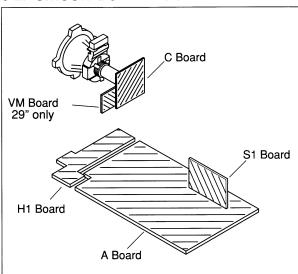








5-2. CIRCUIT BOARD LOCATION



5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note:

- All capacitors are in µF unless otherwise noted.
- pF : μμF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.

k = 1000 ohms, M = 1000,000 ohms

· : nonflammable resistor.

• : fusible resistor.

• : internal component.

: panel designation or adjustment for repair.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.

: B + bus.

• B - bus.

• : RF signal path.

• ___ : earth - ground.

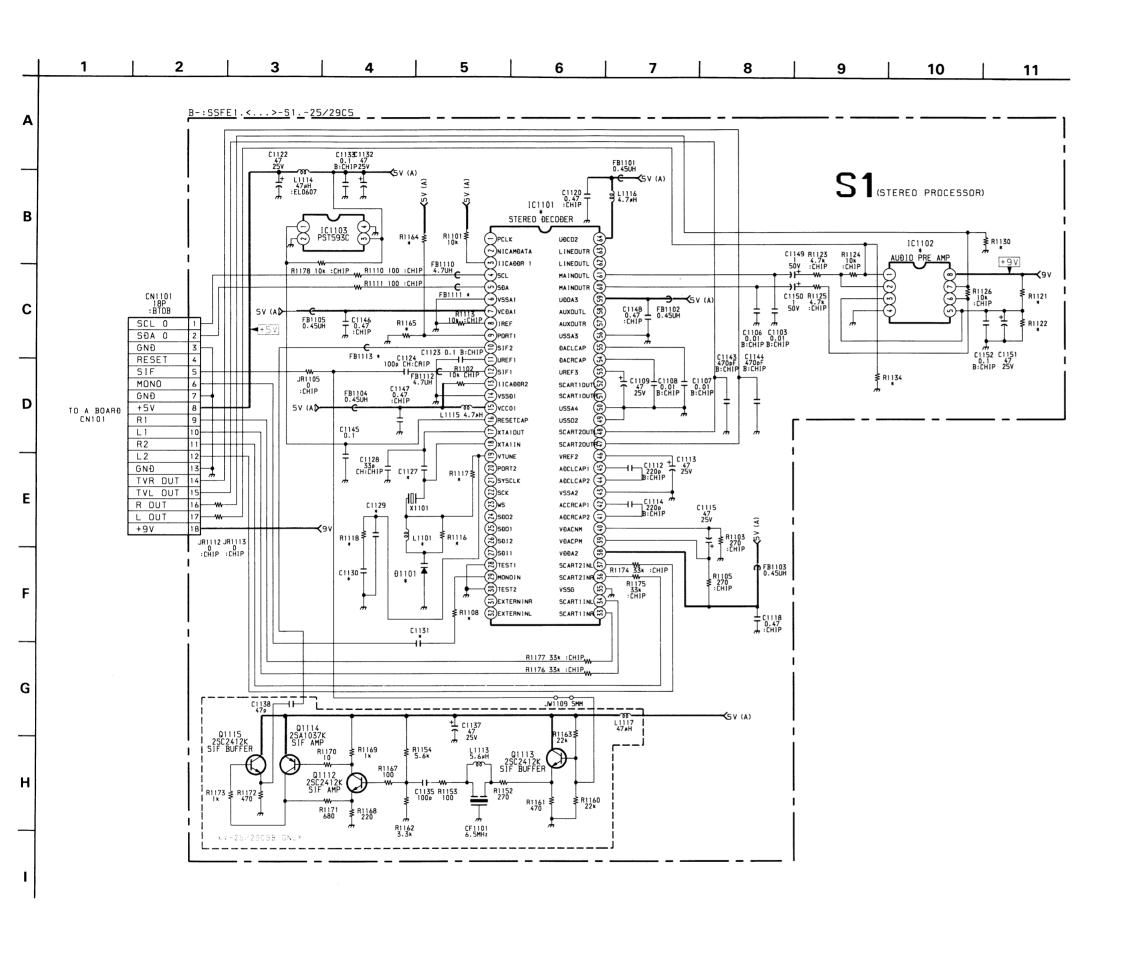
: earth - chassis.

Reference Information

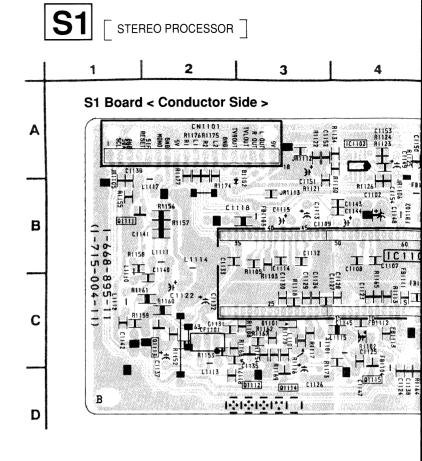
RESISTOR	RN	: METAL FILM
nesis ion	NIN	, METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
	*	: ADJUSTMENT RESISTOR
COIL	LF-8L	: MICRO INDUCTOR
CAPACITOR	TA	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note: The components identified by shading and marked ∆ are critical for safety Replace only with the part numbers specified in the parts list.

Note: Les composants identifies par une trame et par une marque ∆ sont d'une importance critique pour le securite. Ne les remplacer que par des pieces de numero specifie.

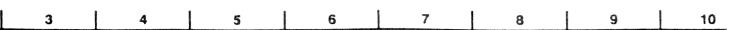


33

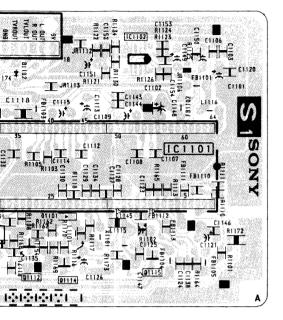


S1 BOARD IC VOLTAGE TABLE

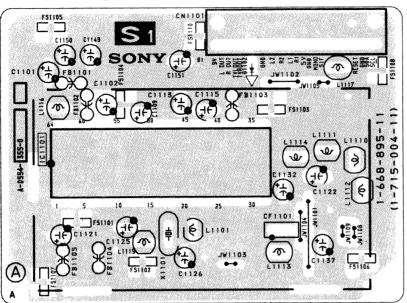
Ref No		
	Pin No	Voltage (V)
	4	3.4
	5	3.2
	7	4.8
	8	2.3
	9	4.8
	10 - 12	2.3
	13	4.8
	15	4.8
	16	4.8
	17	2.6
IC1101	18	3.5
	19	4.0
	33 - 34	2.4
	36 - 37	2.4
	38 - 39	4.8
	41 - 42	2.4
	44 - 48	2.4
	53 - 55	2.4
	59	4.8
	60 - 61	2.4
	64	4.8
	1	4.5
	2	4.1
104400	3	4.5
IC1102	6	4.3
	7	3.5
	8	9.0



r Side >



S1 Board < Component Side >



OLTAGE TABLE

IC Voltage Table

Pin No	Voltage (V)
4	3.4
5	3.2
7	4.8
8	2.3
9	4.8
10 - 12	2.3
13	4.8
15	4.8
16	4.8
17	2.6
18	3.5
19	4.0
33 - 34	2.4
36 - 37	2.4
38 - 39	4.8
41 - 42	2.4
44 - 48	2.4
53 - 55	2.4
59	4.8
60 - 61	2.4
64	4.8
1	4.5
2	4.1
3	4.5
6	4.3
7	3.5
8	9.0

S1 BOARD TRANSISTOR VOLTAGE TABLE

Tr	Transistor Voltage Table									
Ref No	(B) Base	(C) Collector	(E) Emitter							
Q1111	2.0	4.1	1.3							
Q1112	1.5	3.5	0.9							
Q1113	1.9	4.1	1.3							
Q1114	3.5	3.3	4.1							
Q1115	3.3	4.1	2.7							

S1 BOARD * MARK

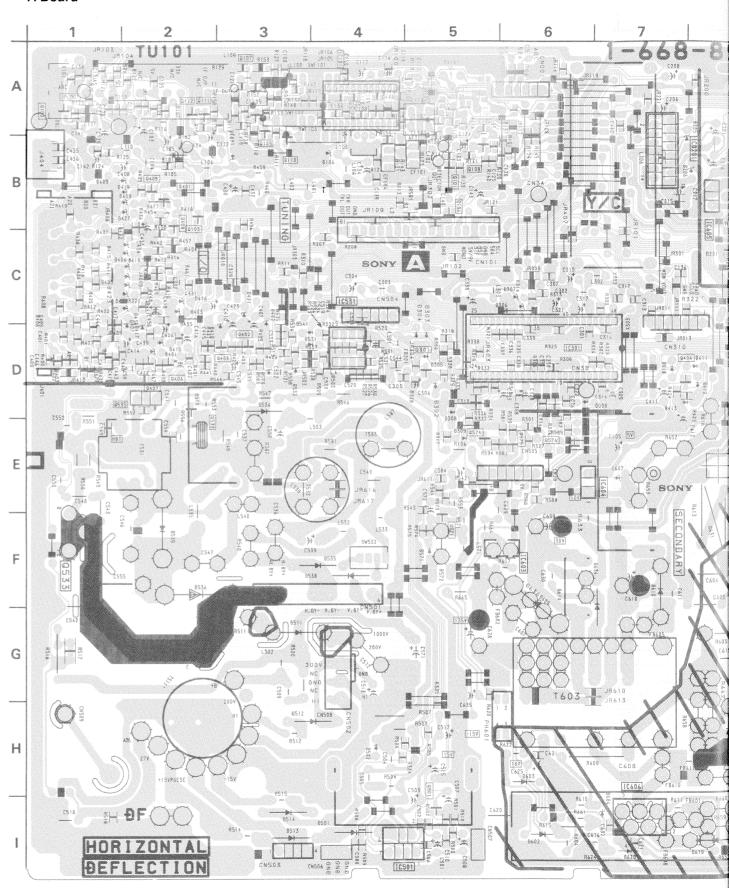
Ref	25C5A	25C5B	25C5D	25C5E	25C5K	25C5R	29C5A	29C5B	29C5D	29C5E	29C5K	29C5R
C1127	22PF	33PF	22PF	33PF	33PF	22PF	22PF	33PF	22PF	33PF	33PF	22PF
C1129	-	0.033MF	-	0.033MF	0.033MF	-	-	0.033MF	-	0.033MF	0.033MF	-
C1130	-	0.033MF	-	0.033MF	0.033MF	-	-	0.033MF	-	0.033MF	0.033 M F	-
C1131	0.47MF	0.47MF	0.47MF	-	-	0.47MF	0.47MF	0.47MF	0.47MF	-	-	0.47 M F
D1101	0	BB135	0	BB135	BB135	0	0	BB135	0	BB135	BB135	0
FB1111	6.8UH	4.7UH	6.8UH	4.7UH	4.7UH	6.8UH	6.8UH	4.7UH	6.8UH	4.7UH	4.7UH	6.8UH
FB1113	-	4.7UH	-	-	-	-	-	4.7UH		-	-	-
IC1101	TDA9870	TDA9875P	TDA9870	TDA9875P	TDA9875P	TDA9870	TDA9870	TDA9875P	TDA9870	TDA9875P	TDA9875P	TDA9870
IC1102	LM358D	UPC4558G2	LM358D	UPC4558G2	UPC4558G2	LM358D	LM358D	UPC4558G2	LM358D	UPC4558G2	UPC4558G2	LM358D
L1101	-	2.7UH	-	2.7UH	2.7UH	-	-	2.7UH	-	2.7UH	2.7UH	-
L1113	-	5.6UH	-		-	-	-	5.6UH	•	-	-	-
L1117	-	10UH	-		-	-	-	10UH	• .	-	-	-
R1108	2.2K	2.2K	2.2K	-	-	2.2K	2.2K	2.2K	2.2K	-	-	2.2K
R1116	0	39K	0	39K	39K	0	0	39K	0	39K	39K	0
R1117	-	10K	-	10K	10K	-	-	10K	-	10K	10K	-
R1118	-	20K	-	20K	20K	-	-	20K	-	20K	20K	-
R1121	4.7K	10K	4.7K	10K	10K	4.7K	4.7K	10K	4.7K	10K	10K	4.7K
R1122	4.7K	10K	4.7K	10K	10K	4.7K	4.7K	10K	4.7K	10K	10K	4.7K
R1130	10K	-	10K	-	-	10K	10K	-	10K	-	-	10K
R1134	10K	-	10K	-	-	10K	10K	-	10K	-	-	10K
R1164	-	10K	-	10K	10K	-	-	10K	-	10K	10K	-
R1165	0	-	0	-	-	0	0	-	0	-	-	0

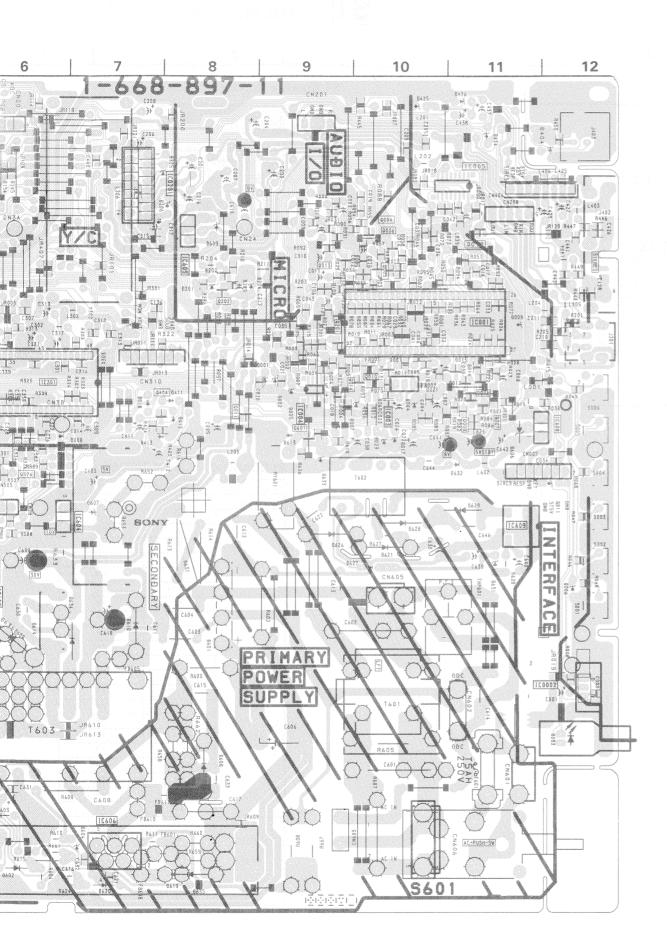
A BOARD

	IC	D	IODE	D539	F - 2
IC001	C - 11	D001	D - 8	D571	F - 5
IC003	D - 10	D002	D - 8	D601	G - 8
IC004	D - 9	D004	D - 10	D602	I - 6
IC005	B - 11	D007	D - 9	D603	H - 6
IC101	A - 4	D008	D -7	D605	G - 6
IC201	B - 7	D009	C - 11	D608	H - 8
IC301	D - 6	D010	D - 10	D610	F - 7
IC501	1 - 4	D011	E - 12	D613	E - 9
IC531	C - 4	D012	D - 11	D614	G - 6
IC603	F - 6	D014	D - 11	D619	I - 8
IC604	E - 6	D015	D - 11	D621	F - 10
IC605	C - 8	D017	E - 10	D626	F - 9
IC606	1 - 7	D018	D - 7	D627	F - 9
IC608	D - 12	D023	E - 10	D628	E - 10
IC609	E - 11	D101	B - 2	D629	E - 11
TRAN	SISTOR	D104	A - 3	D631	F - 11
Q004	B - 9	D201	C - 8	D632	E - 10
Q005	C - 10	D202	C - 8	D633	E - 9
Q006	B - 9	D204	C - 9		
Q007	D - 10	D205	B - 8		
Q008	D - 11	D206	B - 7		
Q009	D - 11	D306	C - 6		
Q010	D - 10	D307	C - 6		
Q011	D - 8	D308	E - 5		
Q012	B - 11	D309	E - 5		
Q013	B - 9	D405	C - 1		
Q101	B - 5	D406	C - 2	*	
Q107	A - 3	D407	D - 2		
Q109	B - 2	D409	B - 1		
Q110	B - 2	D415	D - 2		
Q111	A - 2	D417	D - 2		
Q112	A - 2	D422	C -1		
Q202	C - 8	D423	C - 1		
Q401	B - 2	D427	B - 2		
Q405	B - 2	D501	1 - 4		
Q408	B - 2	D502	H - 4		
Q501	I - 5	D511	G - 3		
Q532	E - 2	D512	H - 3		
Q533	F - 1	D513	1 - 3		
Q535	D - 1	D514	I - 3		
Q571	F - 5	D534	D - 3		
Q574	E - 5	D535	F - 4		
Q575	E - 6	D536	F - 2		
Q576	E - 6	D538	F - 4		



A Board







NOTE:

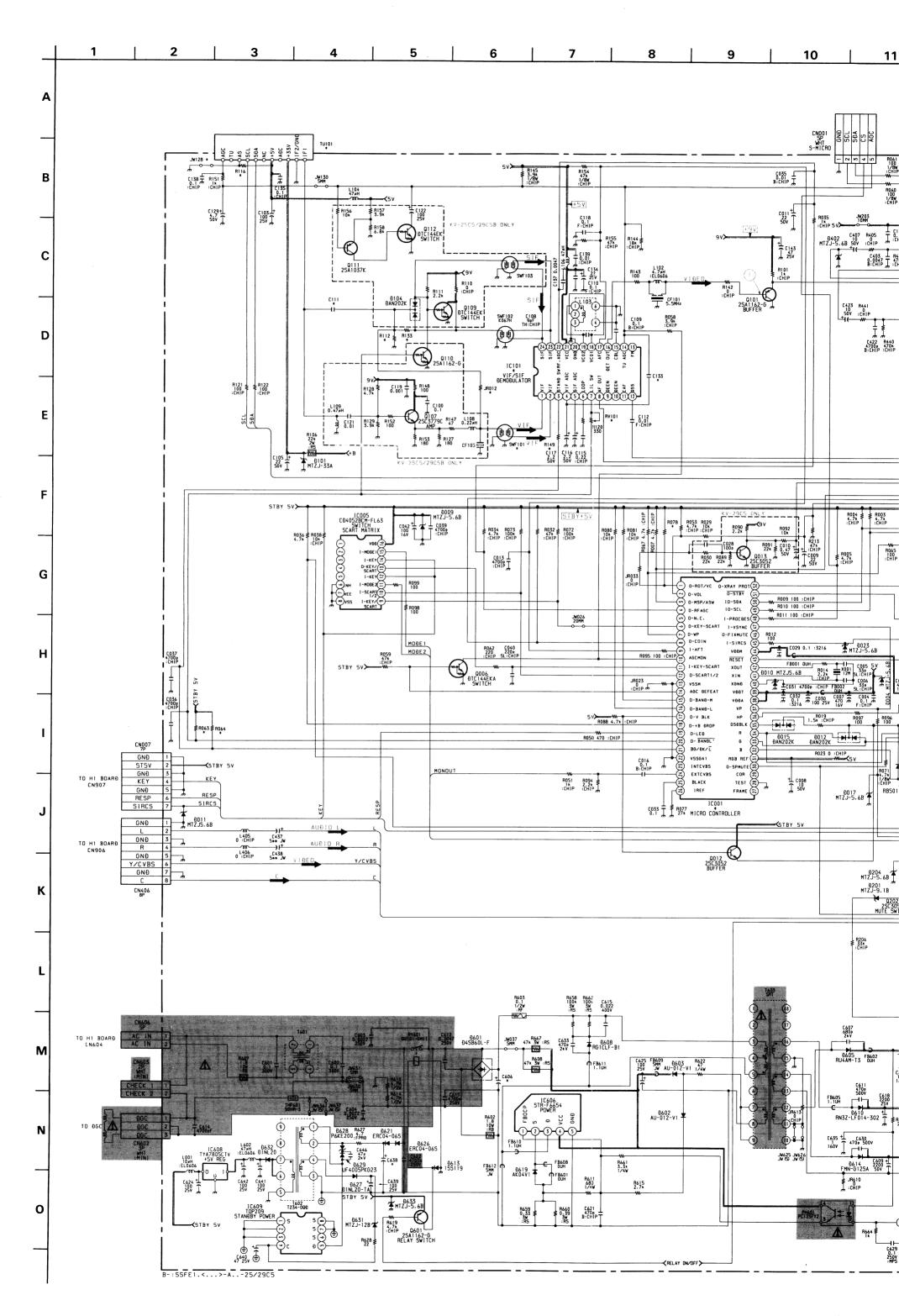
The circuit indicated as left contains high voltage of over 600 Vp-p. Care must be paid to prevent an electric shock in inspection or repairing.

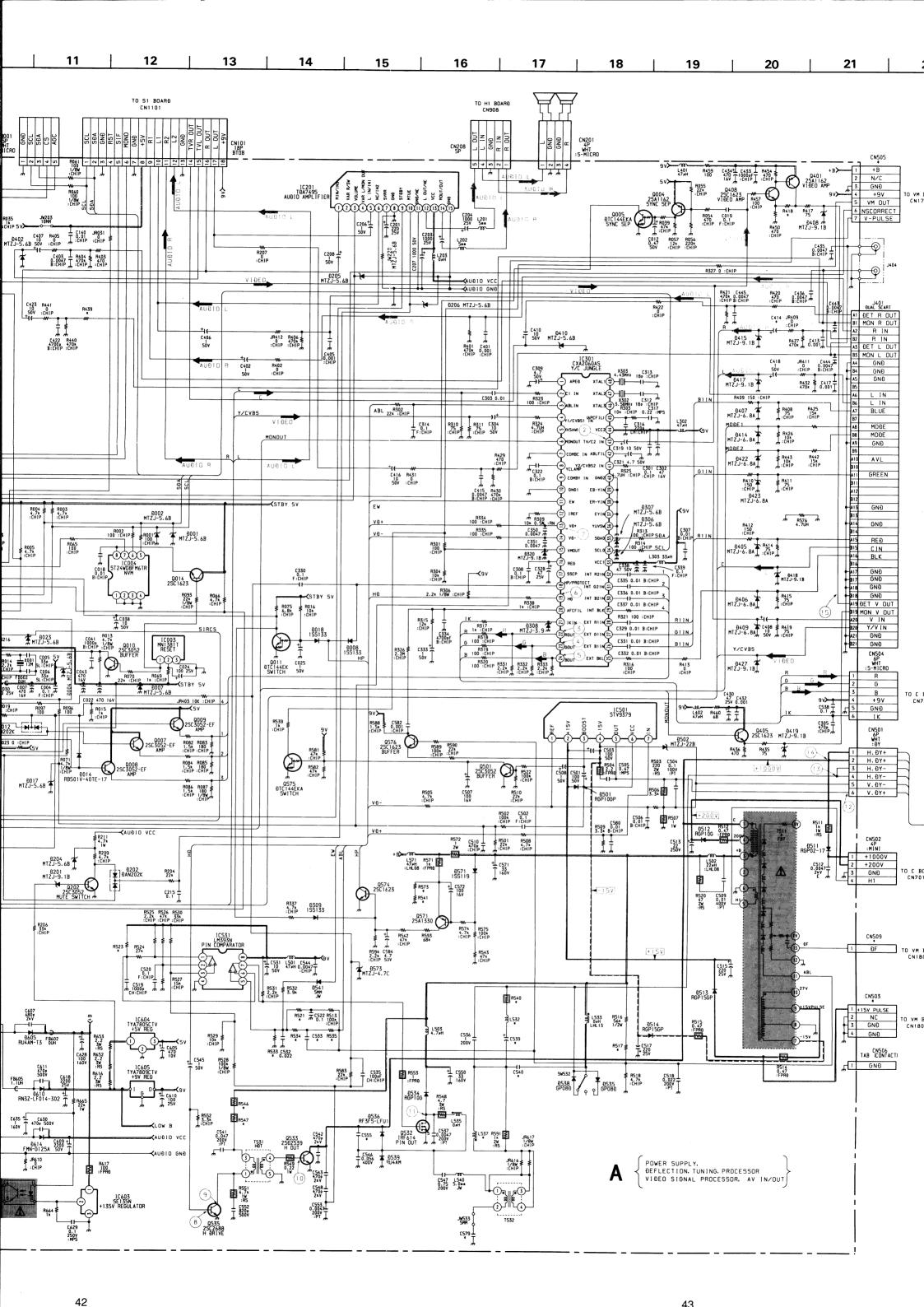
A BOARD TRANSISTOR VOLTAGE TABLE

Transistor Voltage Table									
Ref No	(B) Base	(C) Collector	(E) Emitter						
Q004	4.7	0.7	4.9						
Q005	0.3	4.8	-						
Q006		2.0	-						
Q007		4.9	-						
Q008		. 4.9							
Q009	-	4.9	-						
Q010	0.6	-							
Q011	0.5	-							
Q012	-	4.8							
Q101	2.0	- '	2.6						
Q109	-	4.7	-						
Q110	4.3	-	-						
Q111	2.3	2.9	2.9						
Q112	2.9	-							
Q202	0.6	-							
Q401	8.0	3.4	8.6						
Q405	4.4	8.8	3.7						
Q408	2.6	8.0	2.0						
Q532	7.3	3.1	-						
Q533	-0.2	-152.0	-						
Q535	-0.7	92.0	-						
Q571	134.2		134.4						
Q574	-	2.0	, - ,,						
Q576	3.4	6.7	2.8						
Q601	4.0	3.6	4.8						

A BOARD IC VOLTAGE TABLE

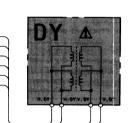
				C Voltage Tabl				
Ref No	Pin No	Voltage (V)	Ref No	Pin No	Voltage (V)	Ref No	Pin No	Voltage (V)
	4	0.8		1 - 2	3.2		34 - 35	3.3
	6	3.2		3	4.8		41	5.0
	7 - 8	4.8		4	3.0		42	8.6
	9	0.3		5	2.8	IC301	43	5.0
	10	2.0		6	2.7		44	8.8
	11	1.5		7	3.9		45	5.2
	12	4.7	IC101	8	2.2		48	1.5
	19	3.6		12	2.0		1	15.3
	20	4.3		15	1.5		5	15.3
	21	4.8		1.7	0.3		7	15.3
	24	2.5		18 - 19	2.6	IC201	10	4.5
	25	2.1		21	4.7		12	15.3
IC001	26	2.4		22	0.9		13	31.2
	30	4.8		23 - 24	3.2		14	15.3
	31	5.0		1	3.3		. 1	1.4
	36	0.2		2	5.0		2	14.0
	37	0.1		3	4.3		3	-13.0
	38 - 39	5.0		4	5.0	IC501	4	-14.0
	41 - 42	2.2		6	4.4		5 ,	0.2
	44	4.8		8	4.5		6	14.5
	45	2.8		11	3.9		7	1.4
	47	0.1		12	2.4		1	1.6
	48	2.4	IC301	13	3.5		2	1.7
	49	3.3		14	3.4		3	1.9
	50	3.1	-	15	5.6	IC531	5	2.8
	51	0.1		16	7.6		6	2.0
	5 - 6	4.8		18	1.3		7	7.3
IC004	7 7	3.3		19	2.4		8	8.8
10001	8	3.2		20	3.8	IC606	1 - 2	-60.0
	9	3.2		21	1.6		4	-51.3
	10	4.7		22 - 24	1.5	IC609	4	-58.0
	12	4.7		26 - 28	4.5			
IC005	13	1.5		30	4.5			
	14	4.7		31 - 32	4.4			
	16	4.7		33	8.1			





TD VM BOARD CN1705

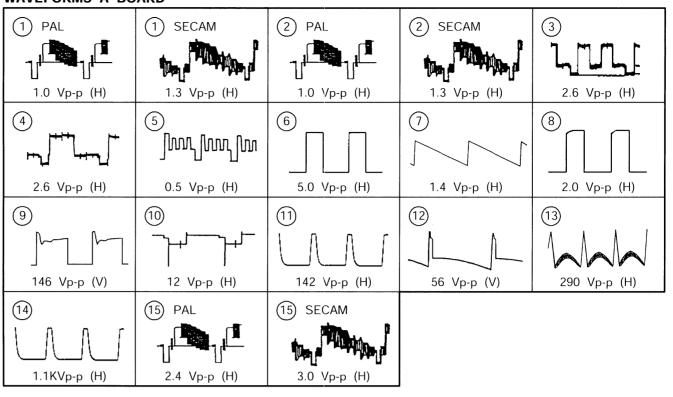
TO C BOARD



TO C BOARÐ CN701

TO VM BOARE

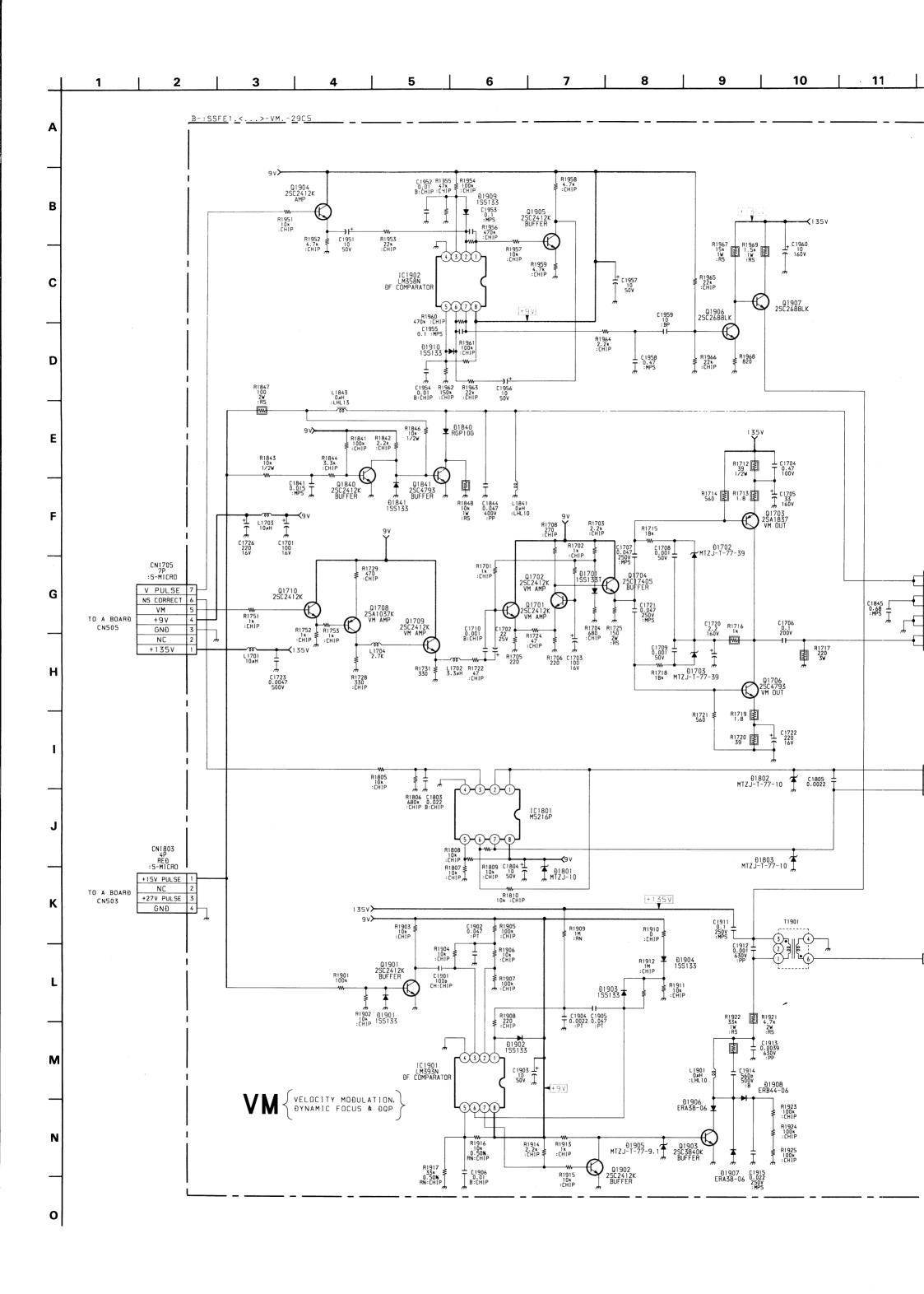
TO VM BOARÐ CN1803 **WAVEFORMS A BOARD**

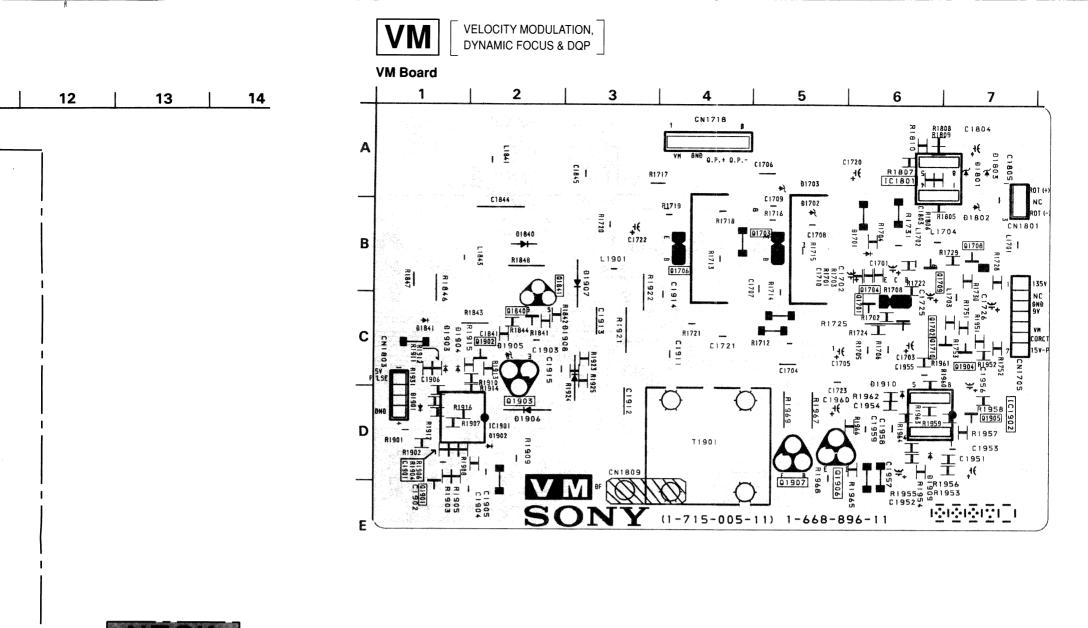


A BOARD * MARK

	7											
Ref	25C5A	25C5B	25C5D	25C5E	25C5K	25C5R	29C5A	29C5B	29C5D	29C5E	29C5K	29C5R
C111	0	0.01MF	0	0	0	0	0	0.01MF	0	0	0	0
C133	-	1MF	-	-		-	-	1MF	-	•	-	-
C414	0.001MF	0.001MF	0.001MF	0.001MF	0.001MF	0.001MF	1MF	1MF	1MF	1MF	1MF	1MF
C533	-	0.0047MF	-	-	-	-	0.0047MF	0.0047MF	0.0047MF	0.0047MF	0.0047MF	0.0047MF
C539	10MF	10MF	10MF	10MF	10MF	10MF	1MF	1MF	1MF	1MF	1MF	1MF
C540	0.068MF	0.068MF	0.068MF	0.068MF	0.068MF	0.068MF	0.033MF	0.033MF	0.033MF	0.033MF	0.033MF	0.033MF
C555	18000P	18000P	18000P	1800P	18000P	18000P	1500P	1500P	1500P	1500P	1500P	1500P
C579	LEAD JUMPER (5.0MM)	LEAD JUMPER (5.0MM)	LEAD JUMPER (5.0MM)	LEAD JUMPER (5.0MM)	LEAD JUMPER (5.0MM)	LEAD JUMPER (5.0MM)	-	-	-	-	-	-
C606	330MF 400V	330MF 400V	330MF 400V	330MF 400V	330MF 400V	330MF 450V	330MF 400V	330MF 400V	330MF 400V	330MF 400V	330MF 400V	330MF 450V
C638	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 450V	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 400V	10MF 450V
CN503	-	-	-	-	-	-	4P	4P	4P	4P	4P	4P
CN505	-	-	-	-	-	-	7P	7P	7P	7P	7P	7P
CN509	-	-	-	-	-	-	1P	1P	1P	1P	1P	1P
IC001	SAA5497PS/ M1A/040	SAA5497PS/ M1A/038	SAA5497PS/ M1A/040	SAA5497PS/ M1A/038	SAA5497PS/ M1A/038	SAA5497PS/ M1A/039	SAA5497PS/ M1A/040	SAA5497PS/ M1A/038	SAA5497PS/ M1A/040	SAA5497PS/ M1A/038	SAA5497PS/ M1A/038	SAA5497PS/ M1A/039
IC101	TDA9817/V1	TDA9818/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1	TDA9818/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1	TDA9817/V1
JR012	0	-	0	0	0	0	0	-	0	0	0	0
JW128	-	LEAD JUMPER (5.0MM)	-	-	-	LEAD JUMPER (5.0MM)	-	LEAD JUMPER (5.0MM)	-	-	-	LEAD JUMPER (5.0MM)
JW410	-	LEAD JUMPER (5.0MM)	-	-	-	LEAD JUMPER (5.0MM)		LEAD JUMPER (5.0MM)	-	-	-	LEAD JUMPER (5.0MM)
L532	2.2MMH	2.2MMH	2.2MMH	2.2MMH	2.2MMH	2.2MMH	3.3MMH	3.3MMH	3.3MMH	3.3MMH	3.3MMH	3.3MMH
L537	1-416-214- 11	1-416-214- 11	1-416-214- 11	1-416-214- 11	1-416-214- 11	1-416-214- 11	1-409-855- 11	1-409-855- 11	1-409-855- 11	1-409-855- 11	1-409-855- 11	1-409-855-
R063	-	4.7K	-	-	~	-		4.7K	-	-	-	-
R064	-	4.7K	-	-	-	-	-	4.7K	-	-	-	-
R078	-	-	-	-	-	-	4.7K	4.7K	4.7K	4.7K	4.7K	4.7K
R112	-	2.2K	-	-	-		-	2.2K	-	-	-	-
R116	-	-		47K	47K	-	-	-		47K	47K	_
R133	0	-	0	0	0	0	0	-	0	0	0	0
R149	-	1K	-		-	-	-	1K	-	-	-	-
R418	470 ½W	470 1/4W	470 ½W	470 ½W	470 1/4W	470 ½W	470 ½W	470 ¼W	470 ½W	470 ½W	470 ¼W	470 ½W
R439	1K	1K	1K	1K	1K	1K	470	470	470	470	470	470
R517	27K	27K	27K	27K	27K	27K	10K	10K	10K	10K	10K	10K
R521	680K	680K	680K	680K	680K	680K	1M	1M	1M	1M	1M	1M
R523	680K	680K	680K	680K	680K	680K	1M	1M	1M	1M	1M	1M
R533	22K	22K	22K	22K	22K	22K	10K	10K	10K	10K	10K	10K
R534	270K	270K	270K	270K	270K	270K	470K	470K	470K	470K	470K	470K
R535	330K	330K	330K	330K	330K	330K	150K	150K	150K	150K	150K	150K
R540	56	56	56	56	56	56	47	47	47	47	47	47
R541	82K	82K	82K	82K	82K	82K	100K	100K	100K	100K	100K	100K
R546	47	47	47	47	47	47	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K
R547	LEAD JUMPER (7.5M)	LEAD JUMPER (7.5M)	LEAD JUMPER (7.5M)	LEAD JUMPER (7.5M)	LEAD JUMPER (7.5M)	LEAD JUMPER (7.5M)	1.5K	1.5K	1.5K	1.5K	1.5K	1.5K
R573	150K	150K	150K	150K	150K	150K	100K	100K	100K	100K	100K	100K
RV101	-	22K	-	-	-	-	-	22K	-	-	-	-
SWF101	1-767-874- 11	1-579-273- 11	1-767-874- 11	1-767-874- 11	1-767-874- 11	1-767-874- 11	1-767-874- 11	1-579-273- 11	1-767-874- 11	1-767-874- 11	1-767-874- 11	1-767-874- 11
T511	NX-1680	NX-1680	NX-1680	NX-1680	NX-1680	NX-1680	NX-1681	NX-1681	NX-1681	NX-1681	NX-1681	NX-1681
TU101	BTP-AC402	TELE9-001A	BTP-AC402	BTP-AC411	BTP-AC411	BTP-AC402	BTP-AC402	TELE9-001A	BTP-AC402	BTP-AC411	BTP-AC411	BTP-AC402

4!





VM BOARD IC VOLTAGE TABLE

Q.P.-Q.P.-Q.P.+ Q.P.+

> CN1718 8P : BTOB

CN1801 3P :S-MICRO ROT (+) NC ROT (-)

CN1809 1P :MINI

ÐF

TO A BOARÐ CN509

	IC Voltage Table	
Ref No	Pin No	Voltage (V)
	1 - 3	5.0
	5-6 .	4.3
IC1801	7	3.7
	8	8.0
	9	4.8
	1	1.7
	2	4.0
	3	4.5
IC1901	5	6.7
	6	6.8
	7	3.6
	8	8.0
	1 - 3	2.8
IC1902	5 - 6	5.2
	7	5.0
	8	8.0

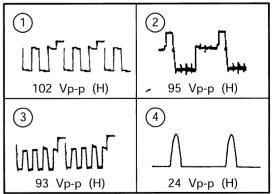
C BOARD TRANSISTOR VOLTAGE TABLE

Tr	Transistor Voltage Table										
Ref No	(B) Base	(C) Collector	(E) Emitter								
Q702	1.5	8.3	1.1								
Q703	8.8	169.8	8.3								
Q704	169.5	1.9	209.5								
Q705	1.5	8.3	1.1								
Q706	8.8	170.7	8.3								
Q707	170.5	1.9	215.7								
Q708	1.5	8.3	1.0								
Q709	8.9	171.3	8.3								
Q710	171.2	1.9	206.3								

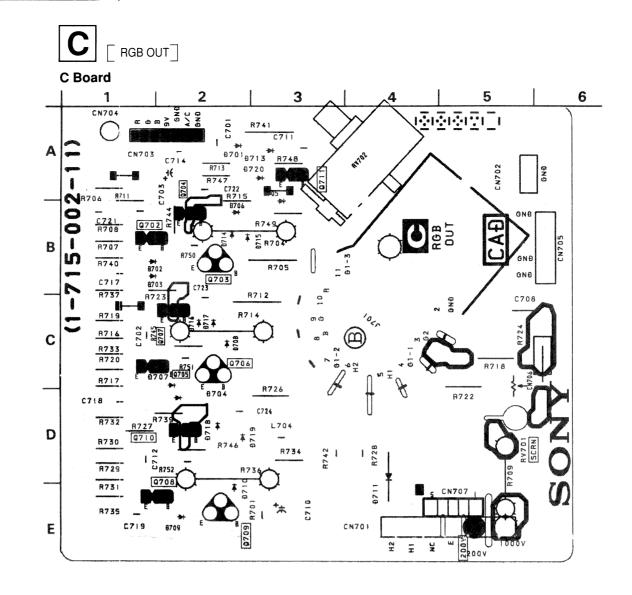
VM BOARD TRANSISTOR VOLTAGE TABLE

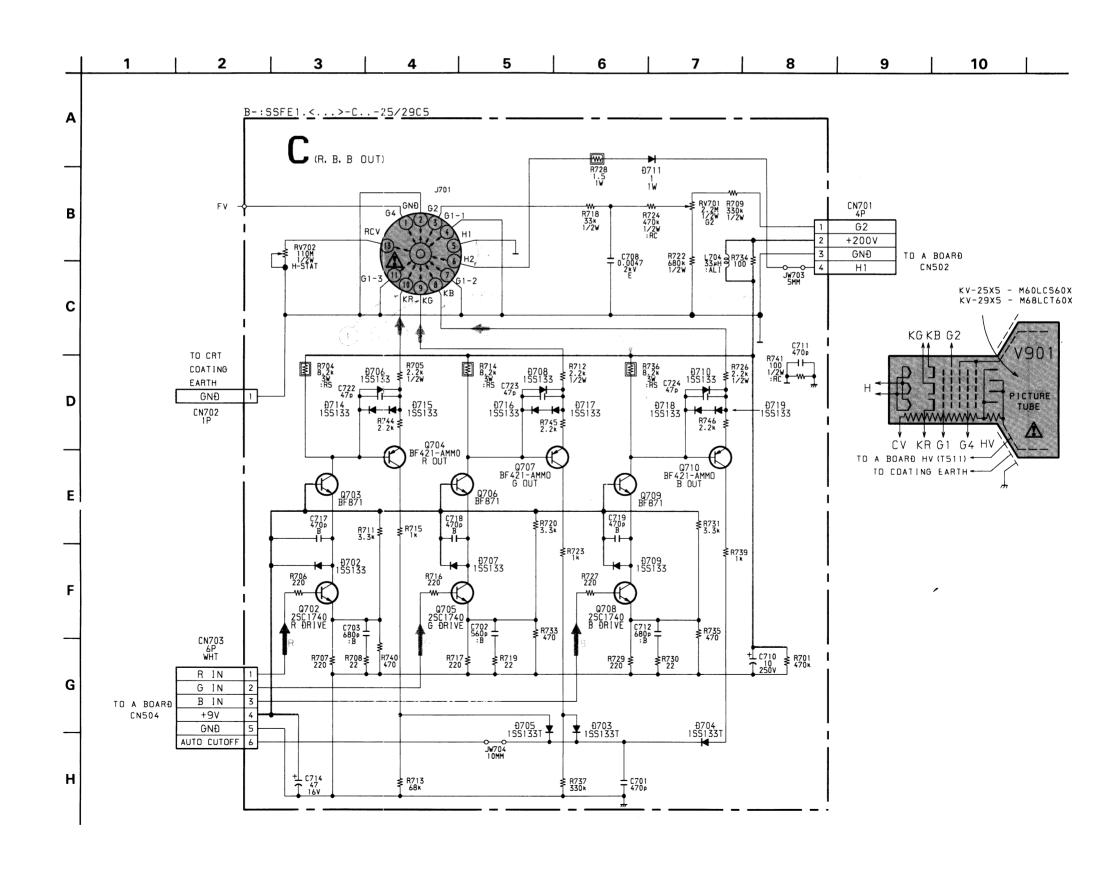
Transistor Voltage Table									
Ref No	(B) Base	(C) Collector	(E) Emitter						
Q1701	2.4	8.7	1.8						
Q1702	2.4	6.5	1.8						
Q1703	133.4	52.0	133.8						
Q1704	8.7	8.5	5.8						
Q1706	0.8	52.0	0.5						
Q1708	5.0	2.1	5.6						
Q1709	5.4	8.0	4.7						
Q1710	5.6	8.0	5.0						
Q1840	-0.3	4.7	-						
Q1901	0.4	1.3	-						
Q1902	0.4	0.3	-						
Q1903	0.3	62.0	-						
Q1904	-	8.0	0.1						
Q1905	2.7	6.5	2.2						
Q1906	4.0	68.8	3.4						
Q1907	68.7	122.2	68.2						
	Gate	Drain	Source						
Q1841	4.7	18.0	-						

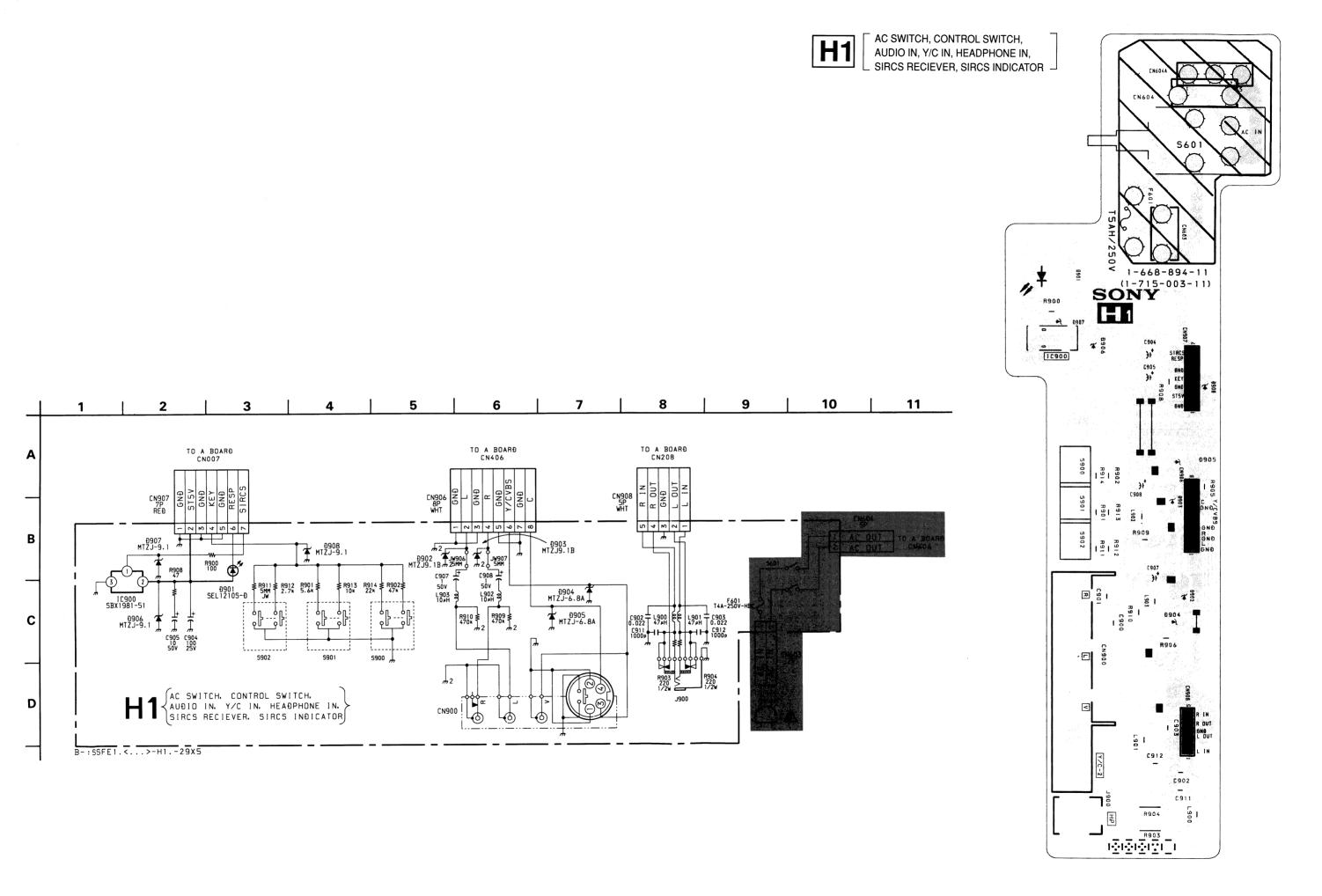
WAVEFORMS C BOARD



48







5-4 SEMICONDUCTORS

CD4052BCM

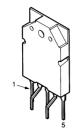


(TOP VIEW)

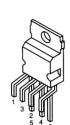
LM358DR-EZ NJM4558M-TE2 NJM2903D

LM393P TDA2822M

TEA2124



STV9379



ST24W08FM6TR



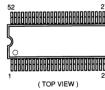
SAA5497PS/MIA/039 SAA5497PS/MIA040

0000

1 2 3 4

(TOP VIEW)

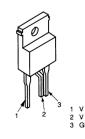
SAA5497PS/MIA/038



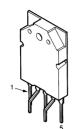
SBX1981-51

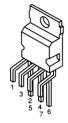


SE-135N SE135N-LF12



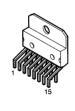
STR-F6654



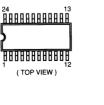




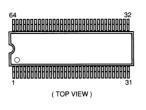
TDA7495



TDA9818-V1 TDA9817-V1



2SA1837



TDA9875

TDA9870

TOP209P

2SC4793

BF871-127

DTA144ESA

DTC114EK

DTA144ESA-TP

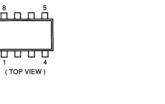
DTC114EKA-T146

DTC143TKA-T146 DTC144EKA-T-146R

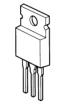
2SA1037K-T-146-

2SC2412K-T-146-R

R2SA1162-G 2SC2412K-QR



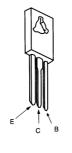
TYA7805CTV TYA7809CTV



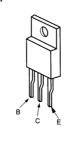
BF421-AMMO 2SA1091-O



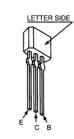
2SC688-LK



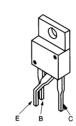
IRF614



2SA933AS-QRT 2SA933AS-RT 2SC1740S-RT



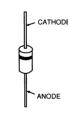
2SK2251-01-F19



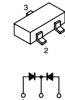
AK04-V1 AU-012-V1

BYD33G BYD33G-AMMO DINL20-TR ERB44-06TP1 EG-1Z-V1 EL1Z ERD28-06S

ERD28-08S ERC06-15 FMN-G12S RG1CLF-B1 RGP10GPKG23 RU3YX-LF-C4 RU3YX-V1 RU-4AM-T3 1SS292T-77



DAN202K DAN202K-T146



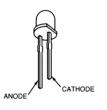
MTZJ-T-77-3.9B MTZJ-T-77-5.6B MTZJ-T-77-5.6C MTZJ-T-77-6.8A MTZJ-T-77-6.8C MTZJ-T-77-7.5C MTZJ-T-77-9.1A MTZJ-T-77-9.1A MTZJ-T-77-10

ERA81-004TP1

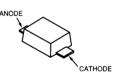
ERA83-006

MTZJ-T-77-33A MTZJ-33C MTZJ-7.5B RD3.9ES-B2 RD5.6ESB2 RD6.8ES-B2 RD7.5ESB2 RD9.1ES-B3 1SS119-25TD 1SS133T-77

SEL12108-D



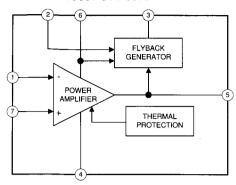
UF4005PK623



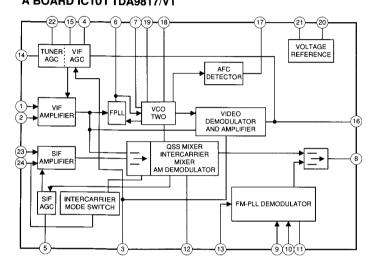
54

5-5. IC BLOCK DIAGRAMS

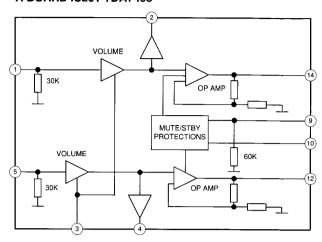
A BOARD IC501 STV 9379



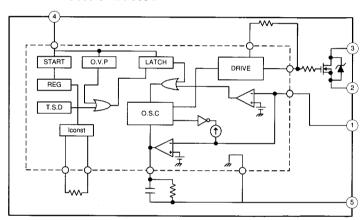
A BOARD IC101 TDA9817/V1



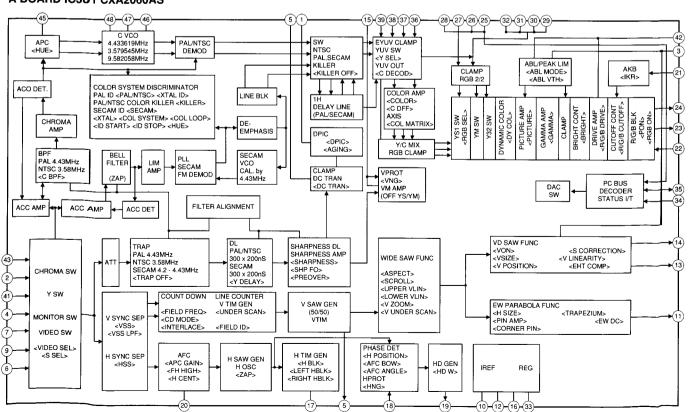
A BOARD IC201 TDA7495



A BOARD IC606 STR-F6654



A BOARD IC301 CXA2060AS



SECTION 6 EXPLODED VIEWS

NOTE:

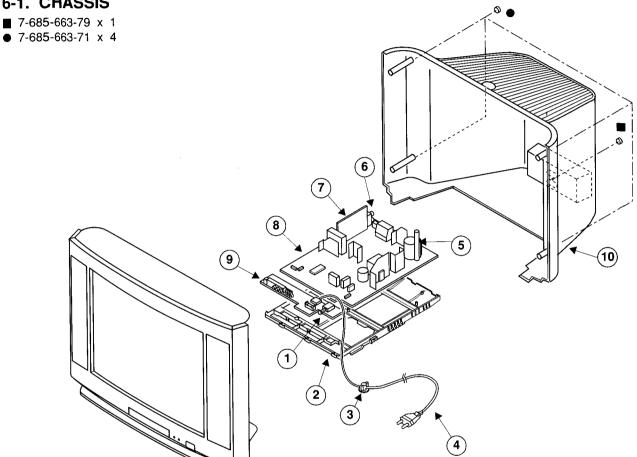
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remarks column.

Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note: Les composants indentifies par une trame et par une marque ∆ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

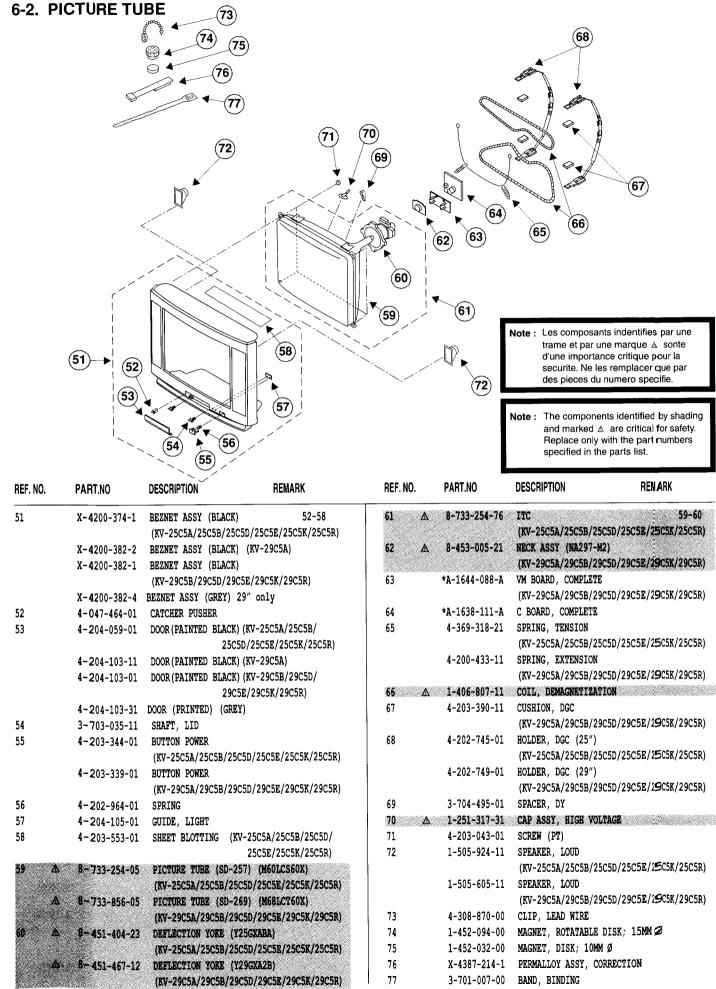
Note: The components identified by shading and marked △ are critical for safety. Replace only with the part numbers specified in the parts list.

6-1. CHASSIS



PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
X 1-571-433-21	SWITCH, PUSH (AC.)	POWER)	8	*A-1632-750-A	A BOARD, COMPLETE	(KV-25C5A)
annus antiti filo (1906 antiti si santi antiti si santi santi	ROMAN CONTRACTOR CONTR	egsegggggggggggggggggggggggggggggggggg		*A-1632-748-A	A BOARD, COMPLETE	(KV-25C5B)
Page 1				*A-1632-746-A	A BOARD, COMPLETE	(KV-25C5D)
				*A-1632-747-A	A BOARD, COMPLETE	(KV-25C5E)
		FLYBACK (NX-1680/U2B4)		*A-1632-752-A	A BOARD, COMPLETE	(KV-25C5K)
Direct	在1962年1月1日 1日 中华的 1000年1月1日 1日日 1日日 1日日 1日日 1日日 1日日 1日日 1日日 1日日			*A-1632-753-A	A BOARD, COMPLETE	(KV-25C5R)
1-453-265-11				*A-1632-721-A	A BOARD, COMPLETE	(KV-29C5A)
				*A-1632-716-A	A BOARD, COMPLETE	(KV-29C5B)
8-598-361-01	r is all all all the first of the second and the se	84-524-6-5-52-5-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-		*A-1632-715-A	A BOARD, COMPLETE	(KV-29C5D)
0 0,0 002 02	100,200 (220 220 22)	•	1	*A-1632-720-A	A BOARD, COMPLETE	(KV-29C5E)
1-693-418-11	TUNER (TELE9-001A			*A-1632-759-A	A BOARD, COMPLETE	(KV-29C5K)
1 000 110 11	100.20 (1222)			*A-1632-717-A	A BOARD, COMPLETE	(KV-29C5R)
8-598-432-00	TIMER (BTP-AC411)		9	*A-1646-161-A	•	
0 330 432 00	101121 (220 11012)	, , , , , , , , , , , , , , , , , , , ,	10	4-202-986-11	COVER REAR (KV-25	C5A/2505B/25C5D/
*a-1652-053-a	S1 BOARD COMPLET					C5E/25C 5K/25C5R)
R 1032 033 R	CI DOLLD, COLLEGE			4-202-993-11	COVER REAR (KV-29	C5A/2905B/29C5D/
*A-1652-056-A	S1 BOARD COMPLET					C5E/29C 5K/29C5R)
	•	·				,
	1-571-433-21 *4-202-998-01 *4-202-531-01 1-765-286-11 1-453-265-11 8-598-361-01 1-693-418-11 8-598-432-00 *A-1652-053-A *A-1652-056-A	*4-202-998-01 BRACKET, MAIN *4-202-531-01 AC CORD LOCK (BC) 1-765-286-11 CORD, POWER 1-453-264-11 TRANSFORMER ASSY, (KV-25C5A/25C5B/ 1-453-265-11 TRANSFORMER ASSY, (KV-29C5A/29C5B/ 8-598-361-01 TUNER (BTP-AC402) 1-693-418-11 TUNER (TELE9-001A 8-598-432-00 TUNER (BTP-AC411) *A-1652-053-A S1 BOARD, COMPLET	1-571-433-21 SMITCE, PUSH (AC POWER) *4-202-998-01 BRACKET, MAIN *4-202-531-01 AC CORD LOCK (SC) 1-765-286-11 CORD, POWER 1-453-264-11 TRANSFORMER ASSY, FLYBACK (NX-1680/U2B4) (KV-25C5A/25C5B/25C5D/25C5E/25C5K/25C5R) 1-453-265-11 TRANSFORMER ASSY, FLYBACK (NX-1681/U2B4) (KV-29C5A/29C5B/29C5B/29C5E/29C5E/29C5R) 8-598-361-01 TUNER (BTP-AC402) (KV-25C5A/25C5D/25C5R/29C5B/29C5B/29C5D/29C5B) 1-693-418-11 TUNER (TELE9-001A) (KV-25C5B/25C5D/25C5D/25C5B/29C5B) 8-598-432-00 TUNER (BTP-AC411) (KV-25C5E/25C5K/29C5E/29C5K) *A-1652-053-A S1 BOARD, COMPLETE (KV-25C5A/25C5D/25C5R/29C5D/29C5B) *A-1652-056-A S1 BOARD, COMPLETE (KV-25C5B/29C5D/29C5B)	1-571-433-21 SWITCE, PUSH (AC POWER) *4-202-998-01 BRACKET, MAIN *4-202-531-01 AC CORD LOCK (SC) 1-765-286-11 CORD, POWER 1-453-264-11 TRANSFORMER ASSY, FLYBACK (NX-1680/U2B4) (KV-25C5A/25C5B/25C5B/25C5K/25C5R) 1-453-265-11 TRANSFORMER ASSY, FLYBACK (NX-1681/U2B4) (KV-29C5A/29C5B/29C5B/29C5B/29C5K/29C5R) 8-598-361-01 TUNER (BTP-AC402) (KV-25C5A/25C5D/25C5R/29C5B/29C5B) 1-693-418-11 TUNER (TELE9-001A) (KV-25C5B/25C5D/25C5D/25C5B/29C5B) 8-598-432-00 TUNER (BTP-AC411) (KV-25C5E/25C5K/9 29C5B/29C5K) *A-1652-053-A S1 BOARD, COMPLETE (KV-25C5A/25C5D/29C5R) *A-1652-056-A S1 BOARD, COMPLETE (KV-25C5B/29C5B)	**A-1632-750-A **A-202-998-01 BRACKET, MAIN **A-1632-748-A **A-202-531-01 AC CORD LOCK (BC) **A-1632-746-A **A-1632-746-A **A-1632-746-A **A-1632-746-A **A-1632-746-A **A-1632-747-A **A-1632-747-A **A-1632-752-A (KV-25C5A/25C5B/25C5B/25C5B/25C5B/25C5B) **A-1632-753-A **A-1632-753-A **A-1632-721-A (KV-29C5A/29C5B/29C5D/29C5B/29C5B/29C5B) **A-1632-716-A **A-1632-716-A **A-1632-716-A **A-1632-716-A **A-1632-716-A **A-1632-716-A **A-1632-717-A **A-1632-717-A **A-1632-717-A **A-1632-717-A **A-1632-717-A **A-1632-717-A **A-1632-717-A **A-1632-717-A **A-1632-053-A **SI BOARD, COMPLETE (KV-25C5B/25C5B/29C5B) **A-1632-056-A **SI BOARD, COMPLETE (KV-25C5B/29C5B) **A-1652-056-A **SI BOARD, COMPLETE (KV-25C5B/29C5B)	**************************************

(KV-25C5E/25C5K/29C5E/29C5K)



SECTION 7 ELECTRICAL PARTS LIST

When indicating parts by reference number, please include the board name.

CAPACITORS MF: mF, PF: mmF COILS MMH: mH, uH Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- RESISTORS
- All resistors are in ohms.
 - F: nonflammable.

Note: Les composants indentifies par une trame et par une marque △ sonte d'une importance critique pour la securite. Ne les remplacer que par des pieces du numero specifie.

Note: The components identified by shading and marked △ are critical for safety. Replace only with the part numbers specified in the parts list.



REF. NO.	PART.NO	DESCRIPTIO	N		REMARK		REF. NO.	PART.NO	DESCRIPTI	ON		REMARK
	*A-1632-750-A			25C5A)			C028	1-163-117-00			5%	50V
		*******									:5D/29C5	E/29C5K/29C5R)
	*A-1632-748-A			25C5B)			C029	1-163-077-00			10%	25V
		******					C030	1-104-665-11		100MF	20%	25V
	*A-1632-746-A	A BOARD, COMPI	LETE (KV ****	25C5D)			C031	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
	*A-1632-747-A	A BOARD, COMPI	LETE (KV-	25C5E)			C032	1-163-077-00	CERAMIC CHIP	0.1MF	10%	25V
		*******					C033	1-164-004-11			10%	25V
	*A-1632-752-A			25C5K)			C035	1-164-232-11			10%	50V
		*****					C036	1-163-017-00			10%	50V
	*A-1632-753-A	A BOARD, COMP	LETE (KV ****	25C5R)			C037	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
	*A-1632-721-A	A BOARD, COMP	LETE (KV-	29C5A)			C038	1-126-964-11	ELECT	10MF	20%	50V
		******		,			C039	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
	*A-1632-716-A	A BOARD, COMP	LETE (KV-	29C5B)			C040	1-163-189-00	CERAMIC CHIP	220PF	5%	50V
		******		•			C041	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
	*A-1632-715-A	A BOARD, COMP	LETE (KV-	29C5D)			C042	1-126-933-11	ELECT	100MF	20%	16V
	*A-1632-720-A	A BOARD COMP	LETE (KV-	29C5E)			C043	1-126-935-11	ELECT	470MF	20%	16V
	11 1032 720 R	*******		23030,		l l	C100	1-163-038-00			200	25V
	*A-1632-759-A	A BOARD, COMP	LETE (KV-	29C5K)					*		(K	V-25C5B/29C5B)
	1002 /05 10	******					C103	1-104-665-11	ELECT	100MF	20%	25V
	*A-1632-717-A	A BOARD, COMP		29C5R)			C105	1-126-965-11	ELECT	22MF	20%	50V
							C108	1-163-465-11	CERAMIC CHIP	9PF	0.25P	F 50V
	4-382-854-01	SCREW (M3X8),	P. SW (+)			C109	1-164-004-11			10%	25V
		SCREW (M3X10)					C110	1-163-038-00				25V
		, , ,	' ' '	•			C111	1-216-296-00	SHORT	0		50V
	< CAL	PACITOR >							(K	V-25C5A/25C	5D/25C5	E/25C5K/25C5R/
										29C5A/29C	5D/29C5	E/29C5K/29C5R)
C004	1-163-038-00	CERAMIC CHIP	0.1MF		25V			1-163-059-00	CERAMIC CHIP	0.01MF		50V
C005	1-163-105-00	CERAMIC CHIP	33PF	5%	50V						(K	V-25C5B/29C5B)
C006	1-163-105-00	CERAMIC CHIP	33PF	5%	50V	ĺ						
C007	1-126-935-11	ELECT	470MF	20%	16V		C112	1-163-031-11				50V
C008	1-126-964-11	ELECT	10MF	20%	507	I	C115	1-164-489-11			10%	16V
							C116	1-126-961-11		2.2MF	20%	50V
C009	1-126-965-11		22MF	20%	50V		C117	1-126-961-11		2.2MF	20%	50V
C010	1-126-959-11		0.47MF	20%	50V		C118	1-163-038-00	CERAMIC CHIP	0.1MF		25V
	_	(KV-29C5A										
C011	1-126-965-11		22MF	20%	50V		C119	1-163-141-91	CERAMIC CHIP	0.001MF	5%	50V
C012	1-126-959-11	ELECT	0.47MF	20%	50V		C121	1-163-031-11	CERAMIC CHIP	0.01MF	(K	V-25C5B/29C5B) 50V
C013	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V					vara	(K	V-25C5B/29C5B)
		CERAMIC CHIP		10%	25V		C122	1-104-665-11	ELECT	100MF	20%	25V
C016		CERAMIC CHIP		10%	50V			2 211 110 44				V-25C5B/29C5B)
C016 C018					25V						,	,/
		CERAMIC CHIP				į	C129	1-126-963-11	מי ספים	A TME	000	
C018	1-163-038-00		470MF	20%	167	l l	CIZI	T-T70-303-TT	ELECT	4./PIL	20%	50V
C018 C019			470MF	20%	16V					4.7MF 1MF	20%	50V 16V
C018 C019	1-163-038-00	ELECT	470MF 100MF	20% 20%	16V 25V		C123		CERAMIC CHIP			



REF. NO.	PART.NO	DESCRIPTION	NC	F	REMARK	REF. NO.	PART.NO	DESCRIPTION	ON	R	EMARK	
C135	1-164-004-11	CEDAMIC CHID	0 1MF	10%	25V	C416	1-126-964-11	ELECT	10MF	20%	50V	
C137		CERAMIC CHIP		10%	50V	C417	1-163-141-00	CERAMIC CHIP		5%	50V	
C138	1-165-319-11				50V	C418	1-126-960-11	ELECT	1MF	20%	50 V	
C139	1-163-031-11	CERAMIC CHIP	0.01MF		50V	C422	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50 V	
C140	1-163-031-11				50V	C423	1-126-964-11	ELECT	10MF	20%	50 V	
C143	1-104-664-11	ELECT	47MF	20%	25V	C430	1-104-664-11	ELECT	47MF	20%	25V	
C201	1-104-666-11		220MF	20%	25V	C432	1-163-141-00	CERAMIC CHIP		5%	50 V	
C203	1-126-942-61		1000MF	20%	25V	C433	1-163-141-00	CERAMIC CHIP		5%	50V	
C204	1-126-942-61		1000MF	20%	25V	C434	1-126-935-11		470MF	20%	16V	
C206	1-126-960-11	ELECT	1MF	20%	50V	C435	1-163-017-00	CERAMIC CHIP	U. UU4 /MF	10%	50 V	
C207	1-126-972-11	ELECT	1000MF	20%	50V	C436		CERAMIC CHIP		10%	50 V	
C208	1-126-960-11		1MF	20%	50 V	C437		LEAD, JUMPER				
C215	1-164-004-11			10%	25V	C438		LEAD, JUMPER		100	E OT 7	
C301	1-163-038-00			000	25V	C443		CERAMIC CHIP CERAMIC CHIP		10% 10%	50 V 50 V	
C302	1-126-967-11	ELECT	47MF	20%	16V	C444	1-163-017-00	CERAMIC CHIP	U. UU4 /ME	106	30 V	
C303	1-101-004-00		0.01MF		50V	C445		CERAMIC CHIP		10%	50 V	
C304	1-126-964-11		10MF	20%	50V	C501	1-126-968-11		100MF	20%	50 V	
C305	1-163-005-11			10%	50V	C502		CERAMIC CHIP	100MF	20%	25 V 50 V	
C307	1-164-232-11			10%	50V 25V	C503 C504	1-126-968-11 1-106-220-00		0.1MF	20% 10%	10 0 V	
C308	1-164-004-11	CERAMIC CHIP	U.IMF	10%	234	C304	1-100-220-00	PILLAR	V.IH	100		
C309	1-126-963-11	ELECT	4.7MF	20%	50V	C505	1-136-173-00		0.47MF	5%	50 V	
C312	1-163-099-00			5%	50V	C506		CERAMIC CHIP		10%	50 V	
C313	1-163-099-00			5%	50V	C507	1-126-933-11		100MF	20%	16V	
C314	1-163-038-00			FO	25V	C508 C509	1-126-960-11 1-137-047-11		1MF 0.01MF	20% 10%	50 V 40 O V	
C316	1-163-259-91	CERAMIC CHIP	220PF	5%	50V	C309	1-13/-04/-11	C TTM	U.UIMF	100	4001	
C317	1-136-169-00		0.22MF	5%	50V	C510		CERAMIC CHIP		5%	50 V	
C319	1-126-964-11		10MF	20%	50V	C512	1-162-114-00		0.0047MF	000	2KV	
C321	1-126-963-11		4.7MF	20%	50V	C513 C515	1-107-662-11 1-104-666-11		22MF 220MF	20୫ 20୫	25 0 V 25 V	
C322 C328	1-164-004-11 1-104-664-11		47MF	10% 20%	25V 25V	C515	1-104-666-11		220MF	20% 20%	25 V	
									0.000411	000	0.001	
C329	1-164-232-11			10%	50V	C518	1-106-375-12		0.022MF	99%	20 0 V 50 V	
C330 C331	1-163-038-00 1-164-232-11			10%	25V 50V	C519 C520		CERAMIC CHIP		5%	25 V	
C332	1-164-232-11			10%	50V	C520	1-137-399-11		0.1MF	5%	50 V	
C333	1-126-960-91		1MF	20%	50V	C531	1-126-964-11		10MF	20%	50 V	
				200								
C334		CERAMIC CHIE		10%	50V	C532		CERAMIC CHIP		10%	50 V	
C335	1-164-232-11			10%	50V	C533	1-163-01/-00	CERAMIC CHIP		10%	50 ♥ 1/29⊂5B/2	ocen/
C336 C337	1-164-232-11 1-164-232-11			10% 10%	50V 50V					5E/29C5F		.90307
C338	1-126-967-11		47MF	20%	50V	C535	1-163-251-11	CERAMIC CHIP		5%	50 V	
							1 115 500 11	DTIV.	11/17	E 0.	20 O V	
C339		CERAMIC CHI		1 0 0.	25V 50V	C536 C537	1-115-522-11 1-137-417-11		1MF 0.0047MF	5% 10%	20 O V	
C350 C351	1-163-017-91 1-163-017-91			10% 10%	50V 50V	C537		CERAMIC CHIP		10%	25 U	
C401	1-163-141-00			5%	50V	C539	1-126-326-51		10MF	20%	25 O V	
C402	1-126-960-11		1MF	20%	50V			(KV-25C5	A/25C5B/25C		25C5K/2	25C5R)
2400	1 160			1.00	F 0***		1-111-230-11		1MF A/29C5B/29C	20%	16 0 V)OCED)
C403 C405		CERAMIC CHI		10% 5%	50V 50V			(KV-29C3	A/ 29C3B/ 29C	3D/ 29C3I	2/۸۱سلا2/2	.acak)
C405	1-163-141-00 1-126-960-11		1MF	20%	50V 50V	C540	1-106-387-00	MYT.AR	0.068MF	10%	40 O V	
C407	1-126-964-11		10MF	20%	50V	0310	1 100 507 00		A/25C5B/25C			25C5R)
C408	1-126-964-11		10MF	20%	50V		1-136-206-11	FILM	0.033MF	10%	40 O V	
									A/29C5B/29C			29C5R)
C410	1-126-964-11		10MF	20%	50V	C541	1-106-383-00	MYLAR	0.047MF	10%	20 0 V	
C413		CERAMIC CHI		5%	50V	0540	1-162-134-11	CEDAMIC	470PF	10%	2 N J	
C414	1-103-141-11	CERAMIC CHI		5% יבה / 25מי	50V 5E/25C5K/25C5R)	C542 C543	1-162-134-11		470PF	10%	215	
	1-126-960-11		3A/23C3B/23C 1MF	20%	50V	C544		CERAMIC CHIP		10%	5(V	
	= == 0 300-11				5E/29C5K/29C5R)	C545	1-126-960-11		1MF	20%	5(军	
		•		,		C546	1-130-895-00		0.056MF	5%	4(O V	
C415	1-163-017-00	CERAMIC CHI	P 0.0047MF	10%	50V							
						F0						



REF. NO.	PART.NO	DESCRIPTI	ION		REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
C547	1-117-813-11	PTIM	0.75MF	 5%	200V	SWF101	1_767_074_11	FILTER, SURFACE WAVE	
C547	1-162-134-11		470PF	ງຈ 10%	2KV	SWEIGH	1-707-674-11	(KV-25C5A/25C5D/25C	'5@ /25C5K /25C5D /
C550	1-107-638-11		33MF	20%	160V				:5E/29C5K/29C5R)
C552	1-102-212-00		820PF	10%	500V		1-579-273-11		KV-25C5B/29C5B)
C553	1-137-417-11		0.0047MF	10%	200V	SWF102		FILTER, SURFACE WAVE	20002, 27002,
0000	12, 12		0.001/112			J		·	
C555	1-117-650-11		18000PF	3%	1.2KV	SWF103	1-760-722-11	FILTER, SURFACE WAVE	KV-25C5B/29C5B)
	1-117-648-11		15000PF	.5⊔/25C5 3%	E/25C5K/25C5R) 1.2KV		< cox	NECTOR >	
	1-11/-040-11				E/29C5K/29C5R)		\ COB	NECTOR >	
C571	1-123-024-21		33MF	<i>,50 2 3 </i>	160V	CN001	*1-564-508-11	PLUG, CONNECTOR 5P	
0072	1 110 011 11	111101	JJ.12		2007	CN007		PLUG, CONNECTOR 7P	
C572	1-128-526-11	ELECT	100MF	20%	16V	CN101		CONNECTOR, BOARD TO BOARD 18F)
C579	1-535-465-11	LEAD, JUMPER	R (5.0MM)			CN201		PLUG, CONNECTOR 4P	
				SD/25C5	E/25C5K/25C5R)	CN208	*1-564-508-11	PLUG, CONNECTOR 5P	
C580	1-164-232-11	CERAMIC CHIE	0.01MF	10%	50V				
C582	1-163-275-11	CERAMIC CHIE	0.001MF	5%	50V	CN406		PLUG, CONNECTOR 8P	
						CN501		CONNECTOR PIN (DY) 6P	
C584	1-126-963-11		4.7MF	20%	50V	CN502		PIN, CONNECTOR 4P	
	1-107-563-11	IN THE PARTY WASHINGTON BY THE PARTY OF THE	0.1MF	20%	300 V	CN503	*1-564-507-11	PLUG, CONNECTOR 4P	(000 (000)
	1-107-563-11		0.1MF	20%	3007			(KV-29C5A/29C5B/29C5D/29C	(5E/29C5K/29C5R)
别是4年1月4日月日日前10日	1-117-700-51		0.0022MF	998	250V	ONEGA	+1 EC4 E00 11	DI HO CONTROPO CD	
C604 △	1-117-700-51	CERAMIC	0.0022MF	99%	250V	CN504		PLUG, CONNECTOR 6P	
C605	1-104-652-11	DT DOM	470MF	20%	10V	CN505	*1-300-002-31	PIN, CONNECTOR 7P (KV-29C5A/29C5B/29C5D/29C	EE /200EY /200ED)
C606	1-104-652-11			20%	400V	CN506	1_605_015_11	TAB (CONTACT)	.3E/ 29C3R/ 29C3R)
C000	1-125-555-11				5D/25C5E/25C5K/	CN509		PIN, CONNECTOR (5MM PITCH) 1F)
		/1			5D/29C5E/29C5K)	CNSUS	-1-J00-704-00	(KV-29C5A/29C5B/29C5D/29C	
	1-117-752-11	ELECT (BLOCK)		20%	450V			(MV 2303M/2303B/2303B/230	.54) 2765K, 2765K,
		22201 (22001)			TV-25C5R/29C5R)	CN602 /	1-508-765-00 1 1-508-765-00 1 1-508-765-00 1 1-508-765-00 1 1-508-765-00	PIN, CONNECTOR (5MM PITCH) 3P	i e
				,-				PIN, CONNECTOR (5MM PITCH) 2F	
C607	1-125-787-51	CERAMIC	680PF	10%	2KV			PIN, CONNECTOR (PC BOARD) 5P	
C609	1-107-915-51	ELECT	2200MF	20%	50V	SIGNATURE OF THE	STOCKED PHILIPPED HIS BUT BUT OF	esa e se en en actual de la companya de la colonida de la colonida de la colonida de la colonida de la colonid La colonida de la co	n. di tudi gudi pudi gudi gudi gudi gudi gudi (1,000 gudi - 1000 g
C610	1-104-665-11		100MF	20%	25V		< DIC	DE >	
C611	1-165-127-11		470PF	10%	500V				
C612 △	1-161-964-51	CERANIC	0.0047ME		2507	D001		DIODE RD5.6ESB2	
			formistaries and record	HORIETESAPARIO	Discharing and of other lesions between	D002		DIODE RD5.6ESB2	
	1-161-964-51		0.0047MF		250V	D004		DIODE RD5.6ESB2 DIODE RD5.6ESB2	
C615	1-161-964-51 1-130-202-00		0.0047MF 0.022MF	10%	250V 400V	D007		DIODE 1SS133T-77	
C618	1-130-202-00		0.022MF 2200MF	20%	25V	סטטע	0-113-331-33	DIODE 1221221-11	
C621	1-163-005-11			10%	50V	D009	8-719-109-89	DIODE RD5.6ESB2	
*****	- 105 005 11	CDIGATIC CHI	. 47022	100	307	D010		DIODE RD5.6ESB2	
C622 △	1-161-964-51	CERAMIC	0.0047MF		250V	D011		DIODE RD5.6ESB2	
C624	1-104-665-11		100MF	20%	25V	D012		DIODE DAN202K	
C625	1-104-665-11		100MF	20%	25V	D014		DIODE RB501V-40TE-17	
C628	1-124-347-00	ELECT	100MF	20%	160V				
C629	1-136-189-00	FILM	0.1MF	10%	250V	D015	8-719-914-43	DIODE DAN202K	
						D017		DIODE RD5.6ESB2	
C630	1-165-127-11		470PF	10%	500V	D018		DIODE 1SS133T-77	
C633	1-104-332-11		470PF	10%	2KV	D023		DIODE RD5.6ESB2	
C635	1-107-675-11		1MF	20%	160V	D101	8-719-982-24	DIODE MTZJ-33A	
C638	1-107-670-11		10MF	20%	400V		0 840 041 12	DIADE DIVAGE	TOT OFFE /00-5"
		(1			5D/25C5E/25C5K/	D104		•	KV-25C5B/29C5B)
	1 100 000 00	TI TICM			5D/29C5E/29C5K)	D201		DIODE HZS9.1NB2	
	1-107-679-91	ELECT	10MF	20%	450V	D202		DIODE DAN202K	
				(1)	KV-25C5R/29C5R)	D204		DIODE RD5.6ESB2	
C639	1-104-665-11	PT.PCT	100MF	20%	25V	D205	0-113-103-93	DIODE RD5.6ESB2	
C640	1-104-664-11		47MF	20% 20%	25V 25V	D206	8-710-100-90	DIODE RD5.6ESB2	
C641	1-104-665-11		100MF	20%	25V 25V	D306		DIODE RD5.6ESB2	
C642	1-104-665-11		100MF	20% 20%	25V 25V	D300		DIODE RD5.6ESB2	
C646	1-107-974-11		47PF	5%	2KV	D308		DIODE RD3.9ES-B2	
	-01 314 11			•		D309		DIODE 1SS133T-77	
	< FII	LTER >							
						D320	8-719-929-15	DIODE HZS9.1NB2	
CF101	1-404-134-00					D402		DIODE RD5.6ESB2	
CF105	1-760-154-11	TRAP, CERAM	IC	(1	KV-25C5B/29C5B)	D405	8-719-109-97	DIODE RD6.8ES-B2	



REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
D406	8-719-109-97	DIODE RD6.8ES-B2			< IC	>	
D407		DIODE RD6.8ES-B2					
D408		DIODE HZS9.1NB2		IC001	8-759-525-78	IC SAA5497PS/M1A/040	(KV-25C5A/25C5D/
D409		DIODE RD6.8ES-B2			0 750 506 01	TO 0335407D0/M3/030	29C5A/29C5D)
D410	8-719-109-89	DIODE RD5.6ESB2			8-759-526-01	IC SAA5497PS/M1A/038	(KV-25C5B/25C5E/25C5K/ 29C5B/29C5E/29C5K)
D414	0_710_100_07	DIODE RD6.8ES-B2			8-759-525-77	IC SAA5497PS/M1A/039	(KV-25C5R/29C5R)
D414 D415		DIODE HZS9.1NB2			0 137 323 77	TO DANGET TEGINARY VOT	(117 230311/270311/
D413		DIODE HZS9.1NB2		IC003	8-759-468-56	IC MN1381T	
D418		DIODE HZS9.1NB2		IC004		IC ST24W08FM6TR	
D419		DIODE HZS9.1NB2		IC005		IC CD4052BCM	
				IC101	8-759-466-49		25C5A/25C5D/25C5E/25C5K/
D422		DIODE RD6.8ES-B2					25C5R/29C5A/29C5D/29C5E/
D423		DIODE RD6.8ES-B2			0 750 466 47		29C5K/29C5R)
D427		DIODE HZS9.1NB2			8-/59-466-4/	IC TDA9818/V1	(KV-25C5B/29C5B)
D501 D502	8-719-302-43	DIODE MTZJ-T-77-22B					
D302	0 713 324 13	DIODE MIND I // ZZD		IC201	8-759-442-74	IC TDA7495	
D511	8-719-028-72	DIODE RGP02-17EL-6433		IC301		IC CXA2060AS	
D512	8-719-302-43			IC501	8-759-192-71	IC STV9379	
D513	8-719-979-85	DIODE EGP20G		IC531	8-759-450-95	IC LM393N	
D514		DIODE EGP20G		IC603	8-749-920-61	IC SE-135N	
D534	8-719-302-43	DIODE EL1Z					
	0.000.00			IC604		IC TYA7805CTV	
D535	8-719-908-03			IC605 IC606		IC TYA7809CTV IC STR-F6654	
D536 D538	8-719-945-80	DIODE ERC06-15S		IC608		IC TYA7805CTV	
D539		DIODE ERD29-08J		IC609	8-759-468-89		
D541		LEAD, JUMPER (5.0MM)		10003	0 105 100 05	20 1012071	
	1 000 100 11	2227			< SOC	KET >	
D571	8-719-911-19	DIODE 1SS119-25					
D573		DIODE MTZJ-4.7C		J401		CONNECTOR, DUAL SCAR	[
D601		DIODE D4SB60L		J404	1-784-632-11	JACK, PIN 2P	
D602		DIODE AU-01Z-V1			4 001		
D603	8-719-312-61	DIODE E0-1Z			< COI	< با.	
D605	8-719-312-10	DIODE RU4AM-T3		L001	1-408-603-31	INDUCTOR 10UH	
D608		DIODE RG1CLF-B1		L102	1-408-599-21		
D610		DIODE RN3Z-LF014-302		L103	1-403-686-11		
D613	8-719-911-19	DIODE 1SS119-25		L104	1-410-671-31		
D614	8-719-058-38	DIODE FMN-G12S		L106	1-408-417-00	INDUCTOR 47UH	
244	0.040.000.00			****	1 410 005 11	TITING A A A A A A A A A A A A A A A A A A A	" ("" OF CED / OGCD)
D619		DIODE AKO4VO		L108 L109	1-410-985-11	INDUCTOR CHIP 0.22UI	
D621 D626		DIODE ERC04-06SE DIODE ERC04-06SE		L201		LEAD, JUMPER (5.0MM)	n (NY-23C3B) 23C3B)
D627		DIODE DINL20		L202		LEAD, JUMPER (5.0MM)	
D628		DIODE P6KE200AG23		L203	1-406-979-11		
D629	8-719-979-64	DIODE UF4005PKG23		L302	1-408-417-31		
D631		DIODE RD12ES-B2		L303	1-408-609-41		
D632		DIODE S2LA20F		L401	1-408-417-31		
D633	8-/19-109-89	DIODE RD5.6ESB2		L402 L405	1-408-417-31 1-216-295-00		
	/ 50	RRITE BEAD >		1403	1-210-293-00	SHORI 0	
	71	KKIIE DEAD /		L406	1-216-295-00	SHORT 0	
FB001	1-412-911-11	FERRITE OUH		L501	1-408-417-31	*******	
FB002	1-412-911-11			L502	1-412-529-11		
FB601	1-412-911-11	FERRITE OUH		L503	1-412-521-31		
FB602	1-412-911-11			L532	1-412-552-11		
FB605	1-410-397-21	FERRITE 1.1UH			1 410 550 75		25C5D/25C5E/25C5K/25C5R)
FB608	1-410 014 14	DEDDINE OTT			1-412-553-11		H 29C5D/29C5E/29C5K/29C5R)
FB609	1-412-911-11	FERRITE OUH LEAD, JUMPER (5.0MM)				(NV-ZUCDA/ZUCDB/	23CJU/ 23CJE/ 23CJR/ 23CJR)
FB610	1-333-465-11	FERRITE 1.1UH		L533	1-406-989-21	INDUCTOR OUH	
FB611	1-410-397-21			L535	1-459-111-00		
FB612		. LEAD, JUMPER (5.0MM)					
•	00 11						



REF, NO.	PART.NO	DESCRIPTION		REMARK	REF. NO.	PART.NO	DESCRIPT	ON		REMARK	
1537	1-406-214-11	COIL, HORIZONTA			JW220	8-719-109-89	DIODE RD5.6E	SB2			
				5C5E/25C5K/25C5R)	2001	1 016 005 00	DEG CUID	100	F0	1 /1 007	
	1-409-855-11	COIL, HORIZONTA		000FT (000FT (000FT)	R001	1-216-025-00		100	5% 	1/10W	
	4			9C5E/29C5K/29C5R)	R002	1-216-025-00		100	5% •°	1/10W	
L540	1-535-465-11	LEAD JUMPER (5.	. OMM)		R003	1-216-065-00	RES, CHIP	4.7K		1/10W	
	•				R004	1-216-065-00		4.7K		1/10W	
L571	1-412-533-21		47UH		R005	1-216-065-00	RES, CHIP	4.7K	5%	1/10W	
L602	1-408-417-00	INDUCTOR	47UH							. /	
					R007	1-216-065-00		4.7K		1/10W	
	< PHO	TO COUPLER >			R009	1-216-025-00		100	5%	1/10W	
SANKONANANANINI TORINI				uning conductors of which to be to the Section of Williams	R010	1-216-025-00		100	5%	1/10W	
PH601 A	8-749-010-64	PHOTO COUPLER 1	PC123F2		R011	1-216-025-00		100	5%	1/10W	
					R012	1-247-807-31	CARBON	100	5%	1/4W	
	< TRA	MSISTOR >			2012	1 01 0 01 4 00	DEG GUID	4 777	E0	1 /01/	
					R013	1-216-214-00		4.7K		1/8W	
Q004		TRANSISTOR 2SA			R014	1-216-057-00		2.2K		1/10W	
Q005		TRANSISTOR DTC			R015	1-216-049-00		1K	5 %	1/10W	
Q006		TRANSISTOR DTC			R016	1-216-073-00		10K	5%	1/10W	
Q007		TRANSISTOR 2SC			R019	1-216-053-00	RES,CHIP	1.5K	5%	1/10W	
Q008	8-729-620-06	TRANSISTOR 2SC	3052-EF								
					R023	1-216-295-00		0			
Q009		TRANSISTOR 2SC			R029	1-216-073-00		10K	5%	1/10W	
Q010		TRANSISTOR 2SC			R030	1-216-081-00		22K	5%	1/10W	
Q011		TRANSISTOR DTC)/29C5E/29C5K/	29C5R)
Q012	8-729-620-06		:3052-EF		R032	1-216-089-00	RES,CHIP	47K	5%	1/10W	
Q013	8-729-620-06							_	_		
		(KV-29C5A/	'29C5B/29C5D/:	29C5E/29C5K/29C5R)	R034	1-216-065-00		4.7K		1/10W	
					R035	1-216-049-00		1K	5%	1/10W	
Q014	8-729-120-28				R036	1-216-065-00		4.7K	5%	1/10W	
Q101	8-729-216-22	TRANSISTOR 2SA	1162-G		R038	1-216-073-00		10K	5%	1/10W	
Q107		TRANSISTOR 2SC		(KV-25C5B/29C5B)	R039	1-216-089-00	RES,CHIP	47K	5%	1/10W	
Q109	1-801-806-11	TRANSISTOR DTC	144EKA	(KV-25C5B/29C5B)							
Q110	1-801-806-11	TRANSISTOR DTC	144EKA	(KV-25C5B/29C5B)	R050	1-216-041-00		470	5%	1/10W	
					R051	1-216-049-00	RES, CHIP	1K	5%	1/10W	
Q111	8-729-216-22	TRANSISTOR 2SA	1162-G	(KV-25C5B/29C5B)	R053	1-216-065-00	RES, CHIP	4.7K	5%	1/10W	
Q112	1-801-806-11	TRANSISTOR DTC	144EKA	(KV-25C5B/29C5B)	R054	1-216-041-00	RES, CHIP	470	5%	1/10\	
Q202	8-729-620-06	TRANSISTOR 2SC	3052-EF		R055	1-216-081-00	RES, CHIP	22K	5%	1/10\	
Q401	8-729-216-22	TRANSISTOR 2SA	1162-G								
Q405	8-729-120-28	TRANSISTOR 2SC	1623-L5L6		R056	1-216-105-00	RES, CHIP	220K	5%	1/10W	
					R057	1-216-075-00	RES, CHIP	12K	5%	1/10W	
Q408	8-729-120-28	TRANSISTOR 2SC	C1623-L5L6		R058	1-216-063-91	RES, CHIP	3.9K	5%	1/10\	
Q501	8-729-620-06	TRANSISTOR 2SC	3052-EF		R059	1-216-089-00	RES, CHIP	47K	5%	1/10W	
Q532		TRANSISTOR 2SK			R060	1-216-174-00		100	5%	1/8W	
Q533		TRANSISTOR 2SD									
Q535		TRANSISTOR 2SC			R061	1-216-174-00	RES, CHIP	100	5%	1/8W	
-					R062	1-216-033-00	RES, CHIP	220	5%	1/10W	
Q571	8-729-105-08	TRANSISTOR 2SA	A1330-06		R063	1-216-065-00		4.7K	5%	1/10W	
Q574		TRANSISTOR 2SC					,			(KV-25C5B/2	29C5B)
Q575		TRANSISTOR DTC			R064	1-216-065-00	RES, CHIP	4.7K	5%	1/10W	
Q576	8-729-120-28	TRANSISTOR 2SC	C1623-L5L6				·			(KY-25C5B/2	29C5B)
Q601		TRANSISTOR 2SA									
_					R065	1-216-025-00	RES, CHIP	100	5%	1/10W	
	< RE	SISTOR >			R066	1-216-065-00		4.7K		1/10V	
	`	0101011			R067	1-216-065-00		4.7K		1/10V	
JR012	1-216-295-00	SHORT	0 (KV-25C5A/	25C5D/25C5E/25C5K/	R069	1-216-049-00		1K	5%	1/10	
02.022	- 210 233 00	DHORI		29C5A/29C5D/29C5E/	R070	1-216-081-00			5 %	1/107	
			29C5K/		1.070	1 210 001 00	1425 / 01122		•	-,	
JR023	1-216-296-00	SHORT	0	======	R071	1-216-214-00	RES CHIP	4.7K	5%	1/8W	
JR031	1-216-295-00		0		R072	1-216-214-00		100K		1/10V	
	- 210-233-00	DHOM	•		R073	1-216-097-00		100K		1/107	
JR033	1-216-296-00	CHUDA	0		R075	1-216-069-00		6.8K		1/107	
JR403				1 /1 /ឃ	R077	1-216-083-00		27K		1/107	
JR409	1-216-073-00			1/10W	KU11	1-210-003-00	VEO'CUIL	2 / IX	Jo	1/101	
JR411	1-216-295-00		0		R078	1_216 065 00	DEC CUID	4.7K	EQ.	1/107	
JR411	1-216-295-00 1-216-295-00		0		KU/8	1-216-065-00	VED CHIL			1/101 1/29C51/29C5K/2	2005P1
	/ I N = / U N = [][]	5HUKT	0								とうしごれ)
UK412	- 110 133 00				l Doon						
		atton	٥		R080	1-216-073-00		10K		1/10v	
JR610 JR613	1-216-296-00 1-216-296-00		0		R080 R081	1-216-073-00		10K		1/10V 1/10V	



REF. NO.	PART.NO	DESCRIPTION	N		REMARK	REF. NO.	PART.NO	DESCRIPTIO	N		REMARK
				_	- 44	-454	4 046 000 04		4777	F0	1 /023
R082	1-216-053-00		1.5K 5		1/10W	R154	1-216-238-91		47K	5% 50	1/8W
R083	1-216-031-00				1/10W	R155	1-216-089-00		47K	5% 5°	1/10W
R084	1-216-053-00		1.5K 5		1/10W	R156	1-216-073-00	RES, CHIP	10K	5%	1/10W
R085	1-216-031-00				1/10W					F.0	(KV-25C5B/29C5B)
R086	1-216-053-00	RES, CHIP	1.5K 5	18	1/10W	R157	1-216-063-91	RES, CHIP	3.9K	5%	1/10W (KV-25C5B/29C5B)
R087	1-216-180-00	ספק כשום	180 5	i8	1/8W						(NY 2003D) 2303D)
R088	1-216-065-00		4.7K 5		1/10W	R158	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
R089		RES, CHIP			1/10W			,			(KV-25C5B/29C5B)
1.003	2 220 002 00	(KV-29C5A			(29C5E/29C5K/29C5R)	R204	1-247-863-91	CARBON	22K	5%	1/4W
R090	1-216-057-00	RES, CHIP	2.2K 5		1/10W	R206	1-216-085-00	RES, CHIP	33K	5%	1/10W
					/29C5E/29C5K/29C5R)	R207	1-216-295-00	SHORT	0		
							1 016 065 00	250 0012	. 77	F.0	1 /1 05
R091	1-216-081-00	RES,CHIP	22K 5		1/10W	R209	1-216-065-00		4.7K		1/10W
		,			/29C5E/29C5K/29C5R)	R211	1-215-873-00		4.7K		1W F
R092	1-216-073-00	RES, CHIP	10K 5		1/10W	R213	1-216-089-00		47K	5%	1/10W
					/29C5E/29C5K/29C5R)	R301	1-216-025-00		100	5% •••	1/10W
R093	1-216-230-00	RES, CHIP	22K 5) *	1/8W	R302	1-216-081-00	RES, CHIP	22K	5%	1/10W
R094	1-216-057-00	RES CHIP	2.2K !	5%	1/10W	R303	1-216-073-00	RES,CHIP	10K	5%	1/10W
R095	1-216-025-00			5%	1/10W	R304	1-216-073-00		10K	5%	1/10W
R096	1-247-807-31	,		5%	1/4W	R306	1-216-206-00		2.2K		1/8W
R097	1-247-807-31			5%	1/4W	R309	1-216-675-11		10K		1/10W
R098	1-247-807-31			5%	1/4W	R310	1-216-022-00		75	5%	1/10W
ROJO	1 247 007 51	CALDON		•	-/ -m	1.021		,			-,
R099	1-247-807-31	CARBON	100	5%	1/4W	R311	1-216-022-00		75	5%	1/10W
R101	1-216-049-00	RES,CHIP		5%	1/10W	R313	1-216-025-00	RES,CHIP	100	5%	1/10W
R106	1-215-900-11	METAL OXIDE	22K	5%	2W F	R314	1-216-025-00		100	5%	1/10W
R110	1-216-296-91	SHORT	0		(KV-25C5B/29C5B)	R315	1-216-075-91		12K	5%	1/10W
R111	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R316	1-216-025-00	RES,CHIP	100	5%	1/10W
					(KV-25C5B/29C5B)						
						R317	1-216-049-00		1K	5%	1/10W
R112	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	R318	1-216-025-00		100	5%	1/10W
					(KV-25C5B/29C5B)	R319	1-216-025-00		100	5%	1/10W
R116	1-249-437-11	CARBON		5%	1/4W	R320	1-216-025-00	,	100	5% 5^	1/10W
			•		/25C5K/29C5E/29C5K)	R321	1-216-025-00	RES, CHIP	100	5%	1/10W
R120	1-216-037-00	RES,CHIP	330	5%	1/10W	מממ	1-216-025-00	DEC CUID	100	5%	1/10W
5101	1 01 6 005 00	BEA 6575	100	EO	1 /1 007	R323 R324	1-216-023-00		4.7UH		1/10W
R121	1-216-025-00			5% 5%	1/10W 1/10W	R325	1-412-002-21		4.7UH		1/10W
R122	1-216-025-00			5% 5%	1/10W	R326	1-216-129-00		2.70II		1/10W
R127	1-216-031-00	RES, CHIP	100	ەد	(KV-25C5B/29C5B)	R327	1-216-295-00	,	0	30	1/1011
R128	1-216-065-00	מדער כעדם	4.7K	5 %	1/10W	1027	1 210 233 00	Onon	•		
1/420	1 210 003 00	nuo, onii	4.74	•	(KV-25C5B/29C5B)	R331	1-216-057-00	RES.CHIP	2.2K	5%	1/10W
					(20002) 20002)	R332	1-216-057-00	,	2.2K		1/10W
R129	1-216-063-91	RES.CHIP	3.9K	5%	1/10W	R333	1-216-057-00		2.2K		1/10W
	0 000 01			•	(KV-25C5B/29C5B)	R334	1-216-025-00		100	5%	1/10W
R133	1-216-295-00	SHORT	0 (KV	7-25C5	A/25C5D/25C5E/25C5K/	R335	1-216-025-00	RES, CHIP	100	5%	1/10W
			•	25C5	R/29C5A/29C5D/29C5E/						
					K/29C5R)	R337	1-216-065-00		4.7K		1/10W
						R338	1-216-049-00		1K	5%	1/10W
R142	1-216-295-00	SHORT	0		,	R401	1-216-113-00		470K	5%	1/10W
R143	1-216-025-00		100	5%	1/10W	R403	1-216-041-00		470	5%	1/10W
R144	1-216-079-00	RES, CHIP		5%	1/10W	R404	1-216-113-00	RES,CHIP	470K	5%	1/10W
R145	1-216-212-00	RES,CHIP	3.9K	5%	1/8W						
R147	1-216-017-91	RES,CHIP	47	5%	1/10W	R405	1-216-295-00		0		
					(KV-25C5B/29C5B)	R406	1-216-113-00		470K		1/10W
						R408	1-216-022-00		75	5%	1/10W
R148	1-216-174-00	RES,CHIP	100	5%	1/8W	R409	1-216-029-71		150	5%	1/10W
-110	1 01 0				(KV-25C5B/29C5B)	R410	1-216-029-71	RES, CHIP	150	5%	1/10W
R149	1-216-049-00	RES,CHIP	1K	5%	1/10W	R411	1-216-022-00	מדע פעדם	75	5%	1/10W
121מ	1-21 € 040 00	מדות מודה	10	E o	(KV-25C5B/29C5B)	R411	1-216-022-00		150	ეგ 5%	1/10W 1/10W
R151	1-216-049-00	KES, CHIP	1K	5%	1/10W	R412	1-216-029-71		0	٥.	1/ 1/11
R152	1-21 € 005 00	מודים בעודה	100	5%	1/10W	R413	1-216-293-00		75	5%	1/10W
VIDE	1-21 6-025-00	KES, CHIP	100	Jó	(KV-25C5B/29C5B)	R414	1-216-022-00		75 75	5%	1/10W
R153	1-21 6-180-00	RES.CHIP	180	5%	1/8W		000	/ 0	. •	- •	-,
	- 3 200 00	100/7111			(KV-25C5B/29C5B)	R417	1-260-158-11	CARBON	75	5%	1/2W
					•						

KV-25C5/29C5



REF. NO.	PART.NO	DESCRIPTION		REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
R418	1-260-095-11	CARBON 4	470 5% (KV-25C)	1/2W 5A/25C5D/25C5E/25C5R/	R522 R523	1-216-097-00 1-216-117-00		- · - · - · - · · · · · · · · · · · · ·
				5A/29C5D/29C5E/29C5R)	1.020			B/25C5D/25C5E/25C5K/25C5R)
	1-247-823-31	CARBON	470 5%	1/4W 5B/25C5K/29C5B/29C5K)		1-208-845-11	RES, CHIP 1M (KV-29C5A/29C5	5% 1/10W B/29C5D/29C5E/29C5K/29C5R)
R419	1-216-022-00		75 5%	1/10W	R524	1-216-083-00		5% 1/10W
R420	1-216-041-00		470 5%	1/10W	R525	1-216-057-00		
R421	1-216-113-00	,	470K 5%	1/10W	R526	1-216-089-00		5% 1/10W
R422 R425	1-216-295-00 1-216-077-00		0 15K 5%	1/10W	R527 R528	1-216-077-00 1-216-246-00		5% 1/10W 5% 1/8W
R426	1-216-073-00	RES, CHIP	10K 5%	1/10W	R529	1-216-073-00	RES,CHIP 10K	5% 1/10W
R427	1-216-113-00	,	470K 5%	1/10W	R530	1-216-085-00		5% 1/10W
R429	1-216-041-00		470 5%	1/10W	R531	1-216-057-00		
R430	1-216-113-00	,	470K 5%	1/10W	R532	1-216-063-91		
R431	1-216-295-00	SHORT	0		R533	1-216-081-00		5% 1/10W B/25C5D/25C5E/25C5K/25C5R)
R432	1-216-113-00	RES, CHIP	470K 5%	1/10W		1-216-073-00		5% 1/10W
R435	1-216-022-00		75 5%	1/10W			(KV-29C5A/29C5	B/29C5D/29C5E/29C5K/29C5R)
R436	1-216-041-00	,	470 5%	1/10W				
R439	1-216-049-00		1K 5% 25C5B/25C	1/10W 5D/25C5E/25C5K/25C5R)	R534	1-216-107-00		5% 1/10W B/25C5D/25C5E/25C5K/25C5R)
	1-216-041-00		470 5%	1/10W		1-216-113-00		
			29C5B/29C	5D/29C5E/29C5K/29C5R)			(KV-29C5A/29C5	B/29C5D/29C5E/29C5K/29C5R)
			4000 50	4 /4 000	R535	1-216-109-00	,	
R440	1-216-113-00	,	470K 5%	1/10W		1 016 101 00		B/25C5D/25C5E/25C5K/25C5R)
R441 R442	1-216-295-00		0 15K 5%	1/10W		1-216-101-00		5% 1/10W B/29C5D/29C5E/29C5K/29C5R)
R442 R443	1-216-077-00 1-216-073-00		15K 5% 10K 5%	1/10W			(RV-Z3CJA/Z3CJ	B/23C3D/23C3E / 23C3R/23C3R/
R450	1-216-041-00		470 5%	1/10W	R539	1-216-049-00	RES, CHIP 1K	5% 1/10W
					R540	1-216-449-11	METAL OXIDE 56	5% 1W F
R454 R457	1-216-041-00 1-216-025-00		470 5% 100 5%	1/10W 1/10W		1-215-861-00		B/25C5D/25C5E/25C5K/25C5R) 5% 1W F
R457	1-216-025-00		100 5%	1/10W 1/4W		1-213-661-00		B/29C5D/29C5E/29C5K/29C5R)
R460	1-249-403-11		68 5%	1/4W			(NY EJOJA) EJOJ	D 2303D 23031 / 2303N 2303N
R501	1-216-081-00		22K 5%	1/10W	R541	1-216-095-00		5% 1/10W B/25C5D/25C5K/25C5R)
R502	1-216-097-00	RES, CHIP	100K 5%	1/10W		1-216-097-00		
R503	1-215-888-00		220 5%	2W F			(KV-29C5A/29C5)	B/29C5D/29C5I/29C5K/29C5R)
R504	1-249-385-11	CARBON	2.2 5%	1/4W F	R542	1-216-089-00	RES, CHIP 47K	5% 1/10W
R505	1-216-065-00		4.7K 5%	1/10W				
R506	1-216-061-00	·	3.3K 5%	1/10W	R543 R546	1-216-089-00 1-2 49-4 01-11	CARBON 47	5% 1/10W 5% 1/4W F
R507	1-216-349-00		1 5%	1W F		4 045 000 44		B/25C5D/25C5E/25C5K/25C5R)
R508	1-216-065-00		4.7K 5%	1/10W		1-215-893-11		
R509 R510	1-216-061-00 1-216-081-00		3.3K 5% 22K 5%	1/10W 1/10W			(NV-Z9C3A/Z9C3)	B/29C5D/29C5E/29C5K/29C5R)
R511	1-215-869-11		1K 5%	1W F	R547	1-535-143-11	LEAD, JUMPER (7.5M	M) B/25C5D/25C5E/25C5K/25C5R)
R512	1-249-377-11	CARRON	0.47 5%	1/4W F		1-215-893-11	METAL OXIDE 1.5K	
R513	1-216-097-00		100K 5%	1/10W		1 213 033 11		B/29C5D/29C5E/29C5K/29C5R)
R514	1-249-377-11		0.47 5%	1/4W F	R548	1-216-397-11		
R515	1-249-377-11		0.47 5%	1/4W F				
R516	1-249-493-11	CARBON	56K 5%	1/2W	R549	1-216-341-11		
	_				R551	1-215-873-00		
R517	1-249-434-11		27K 5%	1/4W	R552	1-216-061-00		
	1 010 100 11			C5D/25C5E/25C5K/25C5R)	R553	1-249-381-11		5% 1/4W F
	1-249-429-11		10K 5% /29C5B/29C	1/4W C5D/29C5E/29C5K/29C5R)	R571	1-249-417-11	CARBON 1K	5% 1/4W F
R518	1-216-065-00		4.7K 5%	1/10W	R572	1-216-369-00		5% 2W F
		,			R573	1-216-101-00	RES, CHIP 150K	
R520			47 5%	2W F				B/25C5D/25C5L/25C5K/25C5R)
R521	1-216-117-00		680K 5% /25C5B/25C	1/10W C5D/25C5E/25C5K/25C5R)		1-216-097-00		5% 1/10W B/29C5D/29C5R/29C5R/29C5R)
	1-208-845-11		1M 5%	1/10W			,,	
				C5D/29C5E/29C5K/29C5R)	R574 R575	1-216-065-00 1-216-097-00		
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REF. NO.	PART.NO	DESCRIPTIO	N	REMARK	REF. NO.	PART.NO	DESCRIPTION	L_	REMARK	
R576	1-408-599-21		4.7UH 5%	1/4W		< THE	RMISTOR >			-
R581 R582	1-216-089-00 1-216-089-00		47K 5% 47K 5%	1/10W 1/10W	TEPEGT A	1-810-961-11	THERMISTOR, POSITIV	2		
R583	1-216-081-00		22K 5%	1/10W						
R588	1-216-053-00	RES, CHIP	1.5K 5%	1/10W		< TUN	ER >			
R589	1-216-097-00		100K 5%	1/10W	TU101	8-598-361-01	TUNER (BTP-AC402)		A/25C5D/	
R590 R591	1-216-081-00 1-215-892-11		22K 5% 1K 5%	1/10W 2W F		1-693-418-11	TUNER (TELE9-001A)		A/29C5D/: V-25C5B/:	
R593	1-249-439-11		68K 5%	1/4W		8-598-432-00			V-25C5E/	25C5K/
R594	1-216-057-00	RES,CHIP	2.2K 5%	1/10W					29C5E/	29C5K)
R602	1-202-961-11		1.8 5%			< CRY	STAL >			
R603 R607 △	1-202-933-61 1-202-961-11		0.1 109 1.8 5%		X001	1-578-774-11	VIBRATOR, CRYSTAL			
R608	1-215-927-00		47K 5%	3W F	X302	1-567-505-11	OSCILLATOR, CRYSTAL			
R611	1-249-415-11	CARBON	680 5%	1/4W	X303	1-567-504-11	OSCILLATOR, CRYSTAL			
	1-240-030-91 1-240-030-91		4.7M 5% 4.7M 5%		******	*******	******	******	*****	*****
R615	1-249-422-11	的复数电影电影电影电影电影 医二甲基苯酚 医二甲基苯酚	2.7K 5%			*A-1638-111-A	C BOARD, COMPLETE			
R616	1-216-393-00		2.2 5%				******			
R617	1-249-405-11	CARBON	100 5%	1/4W F		< CAI	PACITOR >			
R619 R622	1-216-065-00 1-249-401-11		4.7K 5% 47 5%		C701	1-102-114-00	CERAMIC 470PF	10%	50 V	
R627	1-249-389-11		4.7 5%		C701	1-102-114-00		10%	50 V	
R628	1-247-791-91		22 5%		C703	1-102-116-00	CERAMIC 680PF	10%	50 V	
R652	1-216-393-00	METAL OXIDE	2.2 5%	3W F	C708 C710	1-162-114-00 1-107-652-11		MF 20%	2K V 25 0 V	
R653	1-216-393-00	METAL OXIDE	2.2 5%	3W F	C/10	1-107-032-11	EDECI TOTAL	200	2301	
R658		METAL OXIDE	100K 5%		C711	1-102-114-00		10%	50 V	
R659	1-216-383-21		0.33 5% 0.39 5%		C712 C714	1-102-116-00 1-126-967-11		10% 20%	50 V 16 V	
R660 R661	1-216-384-21	METAL OXIDE	0.39 5% 3.3K 5%		C714	1-102-114-00		20% 10%	50 V	
				·	C718	1-102-114-00		10%	50 V	
R662 R664	1-215-929-11 1 -249 -417-11	METAL OXIDE	100K 5% 1K 5%		C719	1-102-114-00	CERAMIC 470PF	10%	50 V	
R665		METAL OXIDE	22K 5%		C722	1-101-880-00		5%	50 V	
R667		METAL OXIDE	47K 5%		C723	1-101-880-00		5%	50 V	
	< VA	RIABLE RESISTOR	? >		C724	1-101-880-00	CERAMIC 47PF	5%	50 V	
RV101				(KV-25C5B/29C5B)		< CO1	NNECTOR >			
VAIOI	1-241-703-11	. KES, ADU, CAI	KDON ZZK	(1/4-23/36/29/29/29)	CN701	1-784-633-11	PIN, CONNECTOR 4P			
	< RE	LAY >			CN702		TAB (CONTACT)			
RY601 A	1-755-245-11	RELAY AC PO	ier		CN703	*1-364-309-11	PLUG, CONNECTOR 6P			
ARTHERSON	- 10 C	VITCH >		radiculari periodi de en distribui de escribir de escriber de escriber de escriber de en de en de en de en de		< DIC	ODE >			
			_		D702		DIODE 1SS133T-77			
SW532	1-572-707-11	. SWITCH, LEVE	R		D703 D704		DIODE 1SS133T-77 DIODE 1SS133T-77			
	< TF	ANSFORMER >			D705		DIODE 1SS133T-77			
7511 A	1-459-064-11	WDXNGDODMDD	Lecy DIVE	ACK (NX-1680/U2B4)	D706	8-719-991-33	DIODE 1SS133T-77			
		(KV-25C5)	A/25C5B/25	CSD/25C5E/25C5K/25C5R)	D707		DIODE 1SS133T-77			
Δ	L-453-265-11			MACK (NX-1681/U2B4)	D708		DIODE 188133T-77			
T531	1-437_106_11	(KV-29C5) L TRANSFORMER,		C5D/29C5R/29C5R/29C5R)	D709 D710		DIODE 1SS133T-77 DIODE 1SS133T-77			
					D711		RESISTOR METAL 1	5%	1W	
T532 T601 A	1-431-228-11 1-427-962-11	TRANSFORMER,	POWER MOD	JULATION ER	D714	8-719-991-33	DIODE 1SS133T-77			
T602	1-431-732-11	L TRANSFORMER,	CONVERTER	R (SRT)	D715	8-719-991-33	DIODE 1SS133T-77			
7603 A	. 1-431 -777-11	L TRANSFORMER,	CONVERTER		D716		DIODE 1SS133T-77			
					D717 D718		DIODE 1SS133T-77 DIODE 1SS133T-77			
						J . 25 352 33				

CVM

REF. NO.	PART.NO	DESCRIPTION	DESCRIPTION		REMARK		PART.NO	DESCRIPTION		REMARK	
D719	8-719-991-33	DIODE 1SS133T	:-77			R746	1-249-421-11	CARBON	2.2K 5%	1/4W	
	< CRT	SOCKET >					< VAF	RIABLE RESISTO	R >		
J701 ∆	1-526-990-21	SOCKET, CRT				RV701 RV702		RES, ADJ, ME'			
	< COI	T >				*****	******	*****	******	*****	******
L704	1-408-609-41	INDUCTOR	33UH				*A-1644-088-A	VM BOARD, COL	MPLETE (KV	7-29C5 0	NLY)
	< TRA	ANSISTOR >						******	****		
Q702 Q703		TRANSISTOR 25					4-382-854-11	SCREW (M3X10)), P, SW (+	')	
2704 2705	8-729-200-17 8-729-119-78	TRANSISTOR BE	F421L-AMMO				< CAI	PACITOR >			
2706	8-729-906-70					C1701	1-126-933-11		100MF	20%	16V
						C1702	1-128-551-11		22MF	20%	25V
707		TRANSISTOR BI				C1703	1-126-933-11		100MF	20%	16V
708		TRANSISTOR 25				C1704	1-107-357-11		0.47MF	5% 20%	100V 160V
709		TRANSISTOR B				C1705	1-107-638-11	ELECT	33MF	20%	TOUA
710	8-729-200-17	TRANSISTOR B	E421L-AMMO			C1706	1-104-999-11	PTT.M	0.1MF	5%	200V
	∠ DF:	SISTOR >				C1707	1-136-207-11		0.047MF	10%	250V
	\ AE	51510k >				C1708	1-137-364-11		0.001MF	5%	50V
701	1-247-895-91	CARBON	470K 5%	1/4W		C1709	1-137-364-11		0.001MF	5%	50V
1704	1-216-486-00		8.2K 5%	3W	F	C1710	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
1705	1-260-103-11		2.2K 5%	1/2W		1					
1706	1-247-815-91	CARBON	220 5%	1/4W		C1720	1-107-667-11		2.2MF	20%	160V
2707	1-247-815-91	CARBON	220 5%	1/4W		C1721	1-136-207-11		0.047MF	10%	250V
						C1722	1-126-934-11		220MF	20%	16V
2708	1-247-791-91		22 5%	1/4W		C1723	1-161-830-00		0.0047MF	200	500V
R709	1-202-844-00		330K 10%	1/2W		C1726	1-126-934-11	ELECT	220MF	20%	16V
R711 R712	1-247-843-11		3.3K 5% 2.2K 5%	1/4W 1/2W		C1803	1_162_037_11	CERAMIC CHIP	0 022MF	10%	50V
R712	1-260-103-11 1-247-875-91		2.2K 5%	1/2W		C1804	1-126-964-11		10MF	20%	50V
.713	1-241-013-31	CARBON	OOK Jo	1/ 411		C1805	1-137-366-11		0.0022MF	5%	50V
R714	1-216-486-00	METAL OXIDE	8.2K 5%	3W	F	C1841		CERAMIC CHIP		10%	50V
R715	1-249-417-11		1K 5%	1/4W		C1844	1-130-959-00	FILM	0.047MF	10%	400V
R716	1-247-815-91	CARBON	220 5%	1/4W							
R717	1-247-815-91		220 5%	1/4W		C1845	1-136-175-00		0.68MF	5%	50V
R718	1-202-814-11	SOLID	33K 10%	1/2W		C1901		CERAMIC CHIP		5%	50V
				4 / 400		C1902	1-137-374-11		0.047MF	5%	50V
R719	1-247-791-91		22 5%	1/4W		C1903	1-126-964-11		10MF 0.0022MF	20% 5%	50 V 50 V
R720 R722	1-247-843-11		3.3K 5% 680K 10%	1/4W 1/2W		C1904	1-137-366-11	E 1 IA	0.0022MF	35	204
R723	1-202-848-00 1-249-417-11		1K 5%	1/4W		C1905	1-137-374-11	FTT.M	0.047MF	5%	50V
R724	1-260-131-11		470K 5%	1/2W		C1906		CERAMIC CHIP		10%	50V
	- 200 151 11	GILDON .		-,		C1911	1-136-189-00		0.1MF	10%	250V
R726	1-260-103-11	CARBON	2.2K 5%	1/2W		C1912	1-129-702-00		0.001MF	5%	630V
R727	1-247-815-91		220 5%	1/4W		C1913	1-136-558-11	FILM	0.0039MF	5%	630V
R728		METAL OXIDE	1.5 5%	1W	F						P. 0.000
R729	1-247-815-91		220 5%	1/4W		C1914	1-102-157-00		560PF	10%	500V
R730	1-247-791-91	. CARBON	22 5%	1/4W		C1915	1-137-102-11		0.022MF	10%	250V 50V
n721	1 047 040 11	CARRON	3 3W E0.	1/4W		C1951 C1952	1-126-964-11	CERAMIC CHIP	10MF	20% 10%	50V
R731 R733	1-247-843-11 1-247-823-91		3.3K 5% 470 5%	1/4W 1/4W		C1952 C1953	1-136-165-00		0.1MF	10° 5%	50V
R734	1-247-807-31		100 5%	1/4W		01933	1-130-103-00	FIIM	V. IM	30	•••
R735	1-247-823-91		470 5%	1/4W		C1954	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
R736		METAL OXIDE	8.2K 5%	3W	F	C1955	1-136-165-00		0.1MF	5%	50V
				•		C1956	1-126-964-11	ELECT	10MF	20%	50V
R737	1-214-891-91		330K 5%	1/4W		C1957	1-126-964-11		10MF	20%	50V
R739	1-249-417-11	CARBON	1K 5%	1/4W		C1958	1-136-173-00	FILM	0.47MF	5%	50V
R740	1-247-823-11		470 5%	1/4W					4.0		501-
R741	1-202-549-00		100 20%	1/2W		C1959	1-107-714-11		10MF	20%	50V
R744	1-249-421-13	L CARBON	2.2K 5%	1/4W		C1960	1-107-636-11	ELECT	10MF	20%	160V
R745	1-249-421-1	L CARBON	2.2K 5%	1/4W							
				-, an		1					



REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION		REMARK		
	< CONN	ECTOR >		Q1906 Q1907	8-729-119-80 8-729-119-80					
CN1705 CN1718	*1-564-510-11	PLUG, CONNECTOR 7P CONNECTOR, BOARD TO 1	DON DD GD		< RES	ISTOR >				
CN1801	*1-564-506-11	PLUG, CONNECTOR 3P	DOARD OF							
	*1-564-507-11	PLUG, CONNECTOR 4P	PITCH) 1P	R1701 R1702	1-216-049-00 1-216-049-00	RES, CHIP	1K 1 K	5% 5%	1/10W 1/10W	
CN1809	*1-508-784-12	PIN, CONNECTOR (5MM	PITCH) IP	R1702	1-216-057-00	RES, CHIP	2.2K		1/10W	
	< DIOD	E >		R1704	1-216-045-00	RES, CHIP	680	5%	1/10W	
D1701	0_710_001 22	DIODE 1SS133T-77		R1705	1-247-815-91	CARBON	220	5%	1/4W	
D1701 D1702		DIODE RD39ES-B2		R1706	1-247-815-91	CARBON	220		1/4W	
D1703		DIODE RD39ES-B2		R1708	1-216-035-00		270		1/10W	
D1801 D1802		DIODE RD10ESB2 DIODE RD10ESB2		R1712 R1713	1-260-311-11 1-249-384-11		39 1.8	5% 5%	1/2W 1/4W	F
D1002				R1714	1-249-414-11			5% 5%	1/4W	
D1803	8-719-110-17	DIODE RD10ESB2		21715	1 040 400 11	as now.	107	E0	1 / 427	
D1840 D1841	8-719-302-43	DIODE ELIZ		R1715 R1716	1-249-432-11 1-249-417-11		18K 1K	5% 5%	1/4W 1/4W	F
D1901	8-719-991-33	DIODE 188133T-77		R1717	1-215-913-11			5%	3W	
D1902	8-719-991-33	DIODE 1SS133T-77		R1718	1-249-432-11			5%	1/4W	_
D1000				R1719	1-249-384-11	CARBON	1.8	5%	1/4W	F
D1903 D1904		DIODE 1SS133T-77 DIODE 1SS133T-77		R1720	1-249-400-11	CARBON	39	5%	1/4W	F
D1905		DIODE MTZJ-T-77-9.1A	L.	R1721	1-249-414-11	CARBON	560	5%	1/4W	
D1906		DIODE ERA38-06		R1722	1-216-017-00			5% 5°	1/10W 1/10W	
D1907	8-719-970-87	DIODE ERA38-06		R1724 R1725	1-216-017-00 1-215-887-00			5% 5%	1/10W 2W	F
D1908	8-719-300-33	DIODE RU-3AM								
D1909		DIODE 1SS133T-77		R1728	1-216-037-00			5% = 0	1/10W 1/10W	
D1910	8-719-991-33	DIODE 1SS133T-77		R1729 R1731	1-216-041-00 1-249-411-11		330	5% 5%	1/10W	
	< IC :	>		R1751	1-216-049-00	RES,CHIP	1K	5%	1/10W	
				R1752	1-216-049-00	RES, CHIP	1K	5%	1/10W	
IC1801 IC1901	8-759-603-37 8-759-450-95			R1753	1-216-049-00	RES.CHIP	1K	5%	1/10W	
IC1902	8-759-008-70			R1805	1-216-073-00	RES, CHIP	10K	5%	1/10W	
				R1806	1-216-117-00	RES, CHIP	680K		1/10W	
	< COI	r >		R1807 R1808	1-216-073-00 1-216-073-00	RES.CHIP	10K 10K		1/10W 1/10W	
L1701	1-408-603-31									
	1-408-597-31			R1809	1-216-073-00		10K 10K		1/10W 1/10W	
L1703 L1704	1-408-603-31 1-249-422-11		5% 1/4W	R1810 R1841	1-216-073-00 1-216-097-00		10K		1/10W	
L1841	1-406-674-11		J	R1842	1-216-057-00		2.2K	5%	1/10W	
-1010	1 100 100 11			R1843	1-260-111-11	CARBON	10K	5%	1/2W	
L1843 L1901	1-406-989-21 1-406-677-11			R1844	1-216-061-00	RES.CHIP	3.3K	5%	1/10W	
22772	2 100 0// 11	INDUCTOR VOI		R1846	1-260-111-11	CARBON	10K	5%	1/2W	
	< TRA	NSISTOR >		R1847	1-215-886-11		100			F F
Q1701	8-72 9-120-28	TRANSISTOR 2SC1623-	1.51.6	R1848 R1901	1-215-875-11 1-249-441-11		10K 100K		1W 1/4W	r
Q1702	8-729-120-28	TRANSISTOR 2SC1623-							•	
Q1703		TRANSISTOR 2SA1837	****	R1902	1-216-073-00		10K		1/10W 1/10W	
Q1704 Q1706		TRANSISTOR 2SC2785- TRANSISTOR 2SC4793	HFE	R1903 R1904	1-216-073-00 1-216-073-00		10K 10K		1/10W	
21,00	0 123-017-00	IMMOIDION 25C4175		R1905	1-216-097-00		100K		1/10W	
Q1708		TRANSISTOR 2SA1162-		R1906	1-216-073-00	RES,CHIP	10K	5%	1/10W	
Q1709 Q1710		TRANSISTOR 2SC1623- TRANSISTOR 2SC3052-		R1907	1-216-097-00	RES.CHIP	100K	5%	1/10W	
Q1840	8-72 9-120-28	TRANSISTOR 2SC1623-		R1908	1-216-033-00	RES, CHIP	220	5%	1/10W	
Q1841		TRANSISTOR 2SC4793		R1909	1-215-493-00			1%	1/4W	
Q1901	8-72 9-620-06	TRANSISTOR 2SC3052-	R.F.	R1910 R1911	1-216-295-00 1-216-073-00		0 10K	5%	1/10W	
Q1902	8-72 9-620-06	TRANSISTOR 2SC3052-	EF			·				
Q1903	8-72 9-043-95	TRANSISTOR 2SC3840K	(3)	R1912		RES, CHIP		5%	1/10W	
Q1904 Q1905		TRANSISTOR 2SC3052- TRANSISTOR 2SC3052-		R1913 R1914	1-216-049-00 1-216-057-00		1K 2.2K	5% 5%	1/10W 1/10W	
*	020-00	TIGHTOTOTOK EDGGOOZ-		.,2,2,3		,	_ , ,		-, - •	

VM H1 S1

REF. NO.	PART.NO	DESCRIPTION	ON .		R	EMARI	(REF. NO.	PART.NO	DESCRIPTION)N		REMARK
R1915	1-216-073-00	RES.CHIP	10K	5%	1/10W			D902	8-719-929-15	DIODE HZS9.1N	IB2		_
R1916	1-216-675-11		10K		1/10W			D903	8-719-929-15	DIODE HZS9.1N	IB2		
R1917	1-216-687-11				1/10W			D904	8-719-109-97	DIODE RD6.8ES	3-B2		
R1921	1-215-896-51		4.7K		2W	F		D905	8-719-109-97	DIODE RD6.8ES	3-B2		
R1922	1-215-878-00		33K	5%	1W	F		D906		DIODE MTZJ-T-			
R1923	1-216-097-00		100K		1/10W			D907		DIODE MTZJ-T-			
R1924	1-216-097-00		100K		1/10W			D908	8-719-923-60	DIODE MTZJ-T-	·77-9.1A		
R1925	1-216-097-00		100K		1/10W								
R1951	1-216-073-00		10K	5%	1/10W				< FUS	K >			
R1952	1-216-065-00	RES, CHIP	4.7K	5*	1/10W			F601 A	1-576-231-21	FUSE (H.B.C.)	AAMP 2	50V	
R1953	1-216-081-00	RES, CHIP		5%	1/10W				*1-533-725-11	HOLDER, FUSE	(F601)		
R1954	1-216-097-00		100K		1/10W								
R1955	1-216-089-00			5%	1/10W				< IC	>			
R1956	1-216-113-00		470K		1/10W								
R1957	1-216-073-00	RES, CHIP	10K	5%	1/10W			IC900	8-742-014-11	HYB IC SBX198	31-51		
R1958	1-216-065-00		4.7K 4.7K		1/10W 1/10W				< SOC	KET >			
R1959 R1960	1-216-065-00 1-216-113-00		470K		1/10W			J900	1-764-606-11	.TACK			
R1961	1-216-113-00		100K		1/10W			0300	1-/04-000-11	UACK			
R1962	1-216-101-00		150K		1/10W				< COI	L >			
R1963	1-216-081-00	ספכ כעדם	22K	5%	1/10W	,		L900	1-412-533-21	TNDUCTOR	47UH		
R1964	1-216-057-00		2.2K		1/10W			L901	1-412-533-21		47UH		
R1965	1-216-037-00		2.2K	5%	1/10%			L902	1-408-603-31		10UH		
R1966	1-216-081-00		22K	5%	1/10%			L903	1-408-603-31		10UH		
R1967	1-215-876-00		15K	5 %	1W			2,00					
71060	1 040 446 44	as prost	200	P.O	1 / 477				< RES	SISTOR >			
R1968	1-249-416-11		820	5%	1/4W	-		DOOD	1 047 007 31	CARRON	100	5% 1/4	7
R1969	1-215-870-11	METAL OXIDE	1.5K	28	1W	F		R900 R901	1-247-807-31 1-249-426-11		100 ! 5.6K !		
	< TR	ANSFORMER >						R901	1-249-426-11			5% 1/4 5% 1/4	
	`	and dramer ,						R903	1-260-091-11			5% 1/2	Ī
T1901	1-424-584-11	TRANSFORMER,	DYNAM:	IC FOC	US			R904	1-260-091-11	CARBON	220	5% 1/2	i
******	********	******	*****	*****	*****	****	*****	R908	1-249-401-11			5% 1/4	
	43 1646 464 3	#1 BALBE 40						R909	1-247-895-91		470K		
	*A-1646-161-A							R910	1-247-895-91		470K		1
		*******	*****					R911		LEAD, JUMPER			•
	< CA	PACITOR >						R912	1-249-422-11	CARBON	2.7K	J6 1/4	
		-						R913	1-249-429-11	CARBON	10K	5% 1/4	
C902	1-137-372-11	FILM	0.022	MF	5%	50V		R914	1-247-863-91	CARBON	22K	5% 1/4	i ·
C903	1-137-372-11	FILM	0.022	MF	5%	50V							
C904	1-104-665-11		100MF		20%	25V			< SW]	TCH >			
C905	1-126-964-11		10MF		20%	50V		Sessionalesteries	ran-envisananan-spatiananananbakiskokokok	ikakoushakskowija mya skrisistiski	a da Paris de la Contractor de la Contra		and the second s
C907	1-126-960-11	ELECT	1MF		20%	50V			∆ 1-571-433-21			ER)	
~^^^					•••			S900		SWITCH, TACT			
C908	1-126-960-11		1MF		20%	50V		S901		SWITCH, TACT			
C911 C912	1-102-074-00 1-102-074-00		0.001		10% 10%	50V 50V		S902	1-692-979-21	SWITCH, TACT:	FTR		
C912	1-102-0/4-00	CERAMIC	0.001	PLF	102	201		******	*****	*****	*****	******	* *****
	< CO	NNECTOR >							*a-1652-053-a	S1 BOARD, COL	MDT.ETE	/KV-25C5	/ 25C5D/25C5R/
	· *1-580-844-11									******	*****	29C5	/29C5D/29C5R)
CN604 A CN900	1-691-291-11 1-779-947-11			BOARD) 5P				*A-1652-056-A	S1 BOARD, CO		(K	i-2505B/29C5B)
CN906	*1-564-511-11								*A-1652-052 - A	S1 BOARD, COM		(K	- 25C5E/25C5K/
CN907	*1-564-510-11	PLUG, CONNEC	CTOR 7P	1						*******	*****		2905E/29C5K)
CN908	*1-564-508-11	PLUG, CONNEC	CTOR 5P	ı					< CAI	PACITOR >			
	< DI	ODE >						C1103		CERAMIC CHIP		10%	50V
	•							C1106		CERAMIC CHIP		10%	50V
D901		DIODE SEL12:						C1107		CERAMIC CHIP		10%	50V
	*4-203-258-01	HOLDER, LED	(1901)					C1108	1-164-232-11	CERAMIC CHIP	U.UIMF	10%	50V

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REF. NO.	PART.NO	DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
MEF. NO.		DESCRIPTION	TEMATIN	ner. no.	FANIAN	DEGGINI HOR	HEMAIIN
C1109	1-104-664-11		20% 25V	FB1104	1-410-396-41		
C1112 C1113	1-163-001-11 1-104-664-11	CERAMIC CHIP 220PF ELECT 47MF	10% 50V 20% 25V	FB1105 FB1110	1-410-396-41 1-412-002-31	FERRITE 0.450 INDUCTOR CHIP 4.700	
C1113	1-163-001-11	CERAMIC CHIP 220PF	10% 50V	FB1111	1-412-004-31	INDUCTOR CHIP 6.8U	
C1115	1-104-664-11		20% 25V				29C5A/29C5D/29C5R)
C1118	1-162-637-11	CERAMIC CHIP 0.47MF	16V		1-412-002-31	INDUCTOR CHIP 4.70	H (KV-25C5B/25C5E/25C5K/ 29C5B/29C5E/29C5K)
C1118	1-164-005-11	CERAMIC CHIP 0.47MF	25V				29C3B/29C3B/29C3R/
C1122	1-104-664-11	ELECT 47MF	20% 25V	FB1112	1-412-002-31		
C1123		CERAMIC CHIP 0.1MF	10% 25V	FB1113	1-412-002-31	INDUCTOR CHIP 4.7U	H (KV-25C5B/29C5B)
C1124	1-163-251-11	CERAMIC CHIP 100PF	5% 50V		< IC	>	
C1127	1-163-239-11	CERAMIC CHIP 22PF	5% 50V				
	1-163-239-11		5C5R/29C5A/29C5D/29C5R) 5% 50V	IC1101	8-759-522-62	IC TDA9870	(KV-25C5A/25C5D/25C5R/ 29C5A/29C5D/29C5R)
	1-163-239-11		5C5K/29C5B/29C5E/29C5K)		8-759-466-48	IC TDA9875P	(KV-25C5B/25C5E/25C5K/
C1128	1-163-239-11	CERAMIC CHIP 33PF	5% 50V				29C5B/29C5E/29C5K)
01100	1 162 000 11	ORDANIA GUID A ACOME	100 257	IC1102	8-759-998-98	IC LM358D	(KV-25C5A/25C5D/25C5R/
C1129	1-163-989-11	CERAMIC CHIP 0.033MF (KV-25C5R/25C5E/25	10% 25V 5C5K/29C5B/29C5E/29C5K)		8-759-100-96	IC UPC4558G2	29C5A/29C5D/29C5R) (KV-25C5B/25C5E/25C5K/
C1130	1-110-501-11		10% 16V		0 100 200 00	10 01010001	29C5B/29C5E/29C5K)
			5C5K/29C5B/29C5E/29C5K)		0 750 004 57	TO DOMPAGE 1819 49	
C1131	1-164-005-11	CERAMIC CHIP 0.47MF	25V 5C5A/25C5B/25C5D/25C5R/	IC1103	8-159-394-51	IC PST593C-MMP-4P	
			9C5A/29C5B/29C5D/29C5R)		< CO1	IT >	
C1132	1-104-664-11	ELECT 47MF	20% 25V	L1101	1-408-596-31	INDUCTOR 2.7U	H (KV-25C5B/25C5E/25C5K/
C1133	1-164-004-11	CERAMIC CHIP 0.1MF	10% 25V				29C5B/29C5E/29C5K)
C1135	1-163-117-00	CERAMIC CHIP 100PF	5% 50V	L1113	1-408-600-31		
C1137	1-104-664-11	ELECT 47MF	(KV-25C5B/29C5B) 20% 25V	L1114 L1115	1-410-671-31 1-408-599-31		
		24242	(KV-25C5B/29C5B)				
01120	1 162 100 00	CERTIFIC CUIT ATRE	F0	L1116	1-408-599-31		
C1138	1-163-109-00	CERAMIC CHIP 47PF	5% 50V (KV-25C5B/29C5B)	L1117	1-410-671-31	INDUCTOR 47UH	(KV-25C5B/29C5B)
C1143	1-163-005-11		10% 50 V		< TR	ANSISTOR >	
C1144	1-163-005-11		10% 50V	01110	8-729-620-06	MDANGTOMOD 20020E2	EF (KV-25C5B/29C5B)
C1145	1-163-077-00	CERAMIC CHIP 0.1MF	10% 25V	Q1112 Q1113	8-729-620-06	TRANSISTOR 2SC3052-	
C1146	1-164-005-11	CERAMIC CHIP 0.47MF	25V	Q1114	8-729-216-22	TRANSISTOR 2SA1162-	G (KV-25C5B/29C5B)
C1147		CERAMIC CHIP 0.47MF	25V	Q1115	8-729-620-06	TRANSISTOR 2SC3052-	EF (KV-25C5B/29C5B)
C1148 C1149	1-164-005-11	CERAMIC CHIP 0.47MF ELECT 1MF	25V 20% 50V		< RE	SISTOR >	
C1150	1-126-960-11		20% 50V		· 144	31510X /	
-44.84				JR1105	1-216-295-00		
C1151 C1152	1-104-664-11	ELECT 47MF CERAMIC CHIP 0.1MF	20% 25V 10% 25V	JR1112 JR1113		CONDUCTOR CHIP	
Q113 <u>2</u>	1 104-004-11	CERMIC CHIP V.IM	100 250	OKILIS	1 210 255 71	COMPOCION CHII	
	< FI	LTER >		R1101	1-216-073-00		5% 1/10W
CF1101	1-409-327-00	TRAP, CERAMIC (6.5MHZ	(KV-25C5B/29C5B)	R1102 R1103	1-216-073-00 1-216-035-00		5% 1/10W 5% 1/10W
011101	1 403 327-00	TRAF, CERTIC (U.SMIE) (XY 25C5D) 25C5D)	R1105	1-216-035-00	RES, CHIP 270	5% 1/10W
	< CO	NNECTOR >		R1108	1-216-057-00		
CN1101	1-766-925-11	CONNECTOR, BOARD TO B	OARD 18P			(KV	25C5A/25C5B/25C5D/25C5R/ 29C5A/29C5B/29C5D/29C5R)
	< DI	ODE >		R1110	1-216-025-00		5% 1/10W
n1101	1 016 00- 00		//FT 05053 (05050 (05050 /	R1111	1-216-025-00		5% 1/10W
D1101	1-216-295-00	SHORT 0	(KV-25C5A/25C5D/25C5R/ 29C5A/29C5D/29C5R)	R1113 R1116	1-216-073-00 1-216-295-00		5% 1/10W 0 (KV-25C5A/25C5D/25C5R/
	8-719-066-72	DIODE BB135	(KV-25C5B/25C5E/25C5K/				29C5A/29Z5D/29C5R)
			29C5B/29C5E/29C5K)		1-216-689-11	METAL CHIP 39K	0.50% 1/10W (KV-25C5B/25C5E/25C5K/
	< FE	RRITE BEAD >					29C5B/29Z5E/29C5K)
FB1101	1-410-396-41	FERRITE 0.45UH	I	R1117	1-216-073-00	RES,CHIP 10K	5% 1/10W
FB1102	1-410-396-41	FERRITE 0.45UH	I			•	(KV-25C5B/25Z5E/25C5K/
FB1103	1-410-396-41	FERRITE 0.45UH	I				29C5B/29Z5E/29C5K)

KV-25C5/29C5

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REF. NO.	PART.NO	DESCRIPT	ION	REMARK	REF. NO.	PART.NO	DESCRI	PTION		REMARK
R1118	1-216-682-11		20K	0.50% 1/10W (KV-25C5B/25C5E/25C5K/ 29C5B/29C5E/29C5K)	R1174 R1175 R1176	1-216-085-00 1-216-085-00 1-216-085-00	RES,CHIP RES,CHIP	33K 33K 33K	5% 5% 5%	1/10W 1/10W 1/10W
R1121	1-216-065-00	RES,CHIP	4/7K	5% 1/10W (KV-25C5A/25C5D/25C5R/ 29C5A/29C5D/29C5R)	R1177 R1178	1-216-085-00 1-216-073-71 < CR		33K 10K	5% 5%	1/10W 1/10W
	1-216-073-00	RES, CHIP	10K	5% 1/10W (KV-25C5B/25C5E/25C5K/ 29C5B/29C5E/29C5K)	X1101	1-767-813-21		CRYSTAL		
1122	1-216-065-00	RES,CHIP	4.7K		******	*******	******	*****	*****	*****
	1-216-073-00	RES,CHIP	10K	5% 1/10W (KV-25C5B/25C5E/25C5K/ 29C5B/29C5E/29C5K)						
R1123	1-216-065-71	,	4.7K							
R1124	1-216-073-71	RES,CHIP	10K	5% 1/10W						
R1125	1-216-065-71		4.7K	5% 1/10W						
R1126	1-216-073-71		10K	5% 1/10W						
R1130	1-216-073-00	RES, CHIP	10K	5% 1/10W (KV-25C5A/25C5D/25C5R/ 29C5A/29C5D/29C5R)						
R1134	1-216-073-00	RES,CHIP	10K	5% 1/10W (KV-25C5A/25C5D/25C5R/ 29C5A/29C5D/29C5R)						
R1152	1-216-035-00	RES,CHIP	270	5% 1/10W (KV-25C5B/29C5B)						
R1153	1-216-025-00	RES,CHIP	100	5% 1/10W (KV-25C5B/29C5B)						
R1154	1-216-067-00	RES, CHIP	5.6K							
R1160	1-216-230-00	RES,CHIP	22K	5% 1/8W (KV-25C5B/29C5B)						
R1161	1-216-190-00	RES,CHIP	470	5% 1/8W (KV-25C5B/29C5B)						
R1162	1-216-061-00	RES,CHIP	3.3K							
R1163	1-216-230-00	RES,CHIP	22K							
R1164	1-216-073-00	RES, CHIP	10K	5% 1/10W (KV-25C5B/25C5E/25C5K/						
R1165	1-216-295-00	SHORT	0	29C5B/29C5E/29C5K) (KV-25C5A/25C5D/25C5R/ 29C5A/29C5D/29C5R)						
R1167	1-216-025-00	RES, CHIP	100	5% 1/10W (KV-25C5B/29C5B)						
R1168	1-216-033-00	RES, CHIP	220	(XV-25C5B/29C5B) 5% 1/10W (KV-25C5B/29C5B)						
R1169	1-216-049-00	RES,CHIP	1 K	5% 1/10W (KV-25C5B/29C5B)						
R1170	1-216-001-00	RES,CHIP	10	5% 1/10W (KV-25C5B/29C5B)						
R1171	1-216-045-00	RES,CHIP	680	(KV-25C5B/29C5B) 5% 1/10W (KV-25C5B/29C5B)						
R1172	1-216-190-00	RES,CHIP	470	(NV-25C5B/29C5B) 5% 1/8W (KV-25C5B/29C5B)						
R1173	1-216-049-00	RES,CHIP	1K	5% 1/10W (KV-25C5B/29C5B)						

REF. NO. PART.NO	NO DESCRIPTION	REMARK	REF. NO.	PART.NO	DESCRIPTION	REMARK
▲ 1-406-807 1-452-032 1-452-094 ▲ 8-453-005 ▲ 1-453-264	MISCELLANEOUS ************************************	(KV-29C5A/29C5B/29C5D/ 29C5E/29C5K/29C5R) (BACK (NX-1680/U2B4) 25D/25C5E/25C5K/25C5R) (BACK (NX-1681/U2B4) 25D/29C5E/29C5K/29C5R) (KV-25C5A/25C5B/25C5D/ 25C5E/25C5K/25C5D/ 29C5E/29C5K/29C5D/ 29C5E/29C5K/29C5R) (KV-29C5A/29C5D/29C5R) (KV-25C5B/25C5D/29C5R) (KV-25C5B/25C5D/ 29C5B/29C5D/29C5R) (KV-25C5B/25C5K/ 29C5B/29C5K) (KV-25C5B/25C5K/ 29C5E/29C5K) (M60LCS60X) C5D/25C5E/25C5K/25C5R) (M60LCS60X) C5D/29C5E/29C5K/29C5R) C5D/25C5E/25C5K/25C5R) C5D/25C5E/25C5K/25C5R) ***********************************		4-204-101-51 4-204-101-11 4-204-101-71 4-204-101-91 4-204-102-91 RI **	MANUAL, INSTRUCTION (FRENCH/GERMAN/ITAI MANUAL, INSTRUCTION (GERMAN/GREEK/DUTCH MANUAL, INSTRUCTION (SPANISH/FINNISH/DE SWEDISH/HUNGARIAN) MANUAL, INSTRUCTION (CZECH/ENGLISH/POLI MANUAL, INSTRUCTION (RUSSIAN/BULGARIAN) EMOTE COMMANDER ************************************	(KV-25C5B/29C5B) LIAN/DUTCH) (KV-25C5D/29C5D) H/ENGLISH) (KV-25C5E/29C5E) ANISH/NORWEGIAN/ (KV-25C5K/29C5K) LISH/HUNGARIAN) (KV-25C5R/29C5R) /ENGLISH)